

CURRICULUM VITAE

Trent Teegerstrom

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I. EDUCATION

M.S. Agricultural Economics, West Virginia University, May 1993

B.S. Farm and Ranch Management/Ag Economics, University of Wyoming, December 1987

II. EMPLOYMENT

2013-Present Associate Director of Tribal Extension Programs and
Ag Econ Extension Specialist, University of Arizona

2007-2013 Associate Specialist, University of Arizona

1997-2007 Research Specialist, University of Arizona

1995-1997 Farm Business Management Specialist, Cornell Cooperative Extension, Cornell
University, New York

1994-1995 Ranch Financial Consultant, Arizona

1993-1994 Director/Instructor Agribusiness Programs, Sinte Gleska University, South Dakota

1991-1993 Research Assistant, West Virginia University

III. HONORS AND AWARDS

- The Division of Agriculture, Life and Veterinary Sciences, and Cooperative Extension (ALVSCE) Administrator of the Year Award, 2019
- Association for the Advancement of Industrial Crops (AAIC) Presentation Title “Whole farm analysis tool for evaluating the adoption of guayule and guar into southwest producer’s current operations” Selected as the best oral presentation for the rubber and resins division, 2019
- LEAD21 Class participant 2019-2020
- Outstanding Contributions in the 7th Annual Small Farms Conference, USDA, 2016
- Tribal Agriculture Education Award, Southwest Indian Agricultural Association, 2016
- Tribal Agriculture Education Award (Department of Tribal Extension), Southwest Indian Agricultural Association, 2015
- Selected as a WELD Leadership Class Participant, 2015-16
- Arizona Distinguished Service Award, National Association County Agricultural Agents (NACAA), 2014.
- Outstanding Extension Project Group Award, member of Ruraltax.org Team, Western Agricultural Extension Association, 2011.

- Outstanding Extension Project Group Award, member of Ag in Uncertain Times Webinar Series, Western Agricultural Extension Association, 2010.
- Award of Excellence for Multi-State Programs; Ag in Uncertain Times Webinar Series, Western Extension Directors, 2010.
- The Henry and Phyllis Koffler Prize for work in public service and outreach, 2009
- Outstanding Service to the Western Center for Risk Management Education, 2007
- Colorado State University Cooperative Extension, Cooperative Extension Team Award, 2004
- University of Arizona, College of Agricultural & Life Sciences, Appointed Personnel of the Year Award for Excellence, 2002
- Outstanding Extension Project Group Award, member of Ag Help Wanted: Guidelines for Managing Agricultural Labor Team, Western Agricultural Extension Association, 2002.
- University of Arizona Extension, 2nd Place Extension Poster Award for Program of Profit and Risk Management Analysis for Today's Rancher, 1999.

IV. SERVICE AND OUTREACH

- USDA Small Farms Programs, State Contact (2015-Present)
- USDA AMS Local Food Resource Mapping Project, State Contact (2015)
- USDA Rural Development AMS Project, State Contact (2014-Present)
- USDA Trade Adjustment Assistance Program (TAA): Arizona Representative (2007-2015)
- American Agricultural Economics Association (AAEA), Topic Leader (2011-2013)
- AAEA, Outreach Committee (2010–2013) Chair (2011-2013)
- Reviewer of Western Center for Risk Management Grant Proposals. From 2002 through 2008, I personally reviewed 342 pre-proposals and 173 full proposals for the Center
- Western Director, Extension Section of the American Agricultural Economics Association (2007–2009)
- Outreach through the World Wide Web (WWW). I am a contributing member of each of the websites below through material and tool development. Information available via the WWW reaches out to both national and international users at the following URL's
 - * The Sustainable Bioeconomy for Arid Regions (SBAR) Center of Excellence (<https://sbar.arizona.edu/>).
 - * Ag Help Wanted: Guidelines for Managing Agricultural Labor. (www.AgHelpWanted.org)
 - * Ag Plan (<https://www.agplan.umn.edu/>)
 - * Ag Tools (<http://www.agtools.org/>)
 - * Rural Taxes (<http://www.RuralTax.org/>)
 - * Arizona Field Crop Budgets, the Arizona Vegetable Budgets, Cost & Returns Estimates of Cow/Calf Ranches for Five Arizona Regions (<http://ag.arizona.edu/arec/ext/budgets/counties.html>)
 - * Arizona Ranchers' Management Guide (<http://ag.arizona.edu/arec/ext/market.html>)
 - * Local Fresh Info (<http://www.localfresh.info/>)
 - * Right Risk: Risk Management Simulation Game. (www.rightrisk.org)
 - * Rural Family Ventures. (<http://ruralfamilyventures.org/>)
 - * Tools for Risk Management in Ag Operations (<http://ag.arizona.edu/extension/riskmanagement/>)
 - * Virus Disease Management Peer to Peer Project. (<http://ag.arizona.edu/p2p/vdm/background.htm>)

* Natives Waters on Arid Lands Project. (<http://nativewaters-aridlands.com>)

* Arizona Specialty Crops. (<http://specialtycrops.arizona.edu>)

- Directed the Arizona Application for Making AGR-Lite Ag Insurance Available to Arizona Producers (www.extension.arizona.edu). I was one of the 5 primary researchers who lead the expansion of AGR-Lite insurance product into 13 states including Arizona.

Committees and Working Groups

National

- USDA NIFA 1862/1994 Coordination Project, AZ Land Grant Contact (2016-Present)
- Trade Adjustment Assistance Program (TAA) chair of the Direct Marketing Course Development (2010). <http://taaforfarmers.org/Courses.aspx>
- The National e-Commerce Extension Initiative, Western Outreach Committee Member (2010–2012)
- National FRTEP Mission and Vision Committee (2018–Present)

Regional

- Western Farm Management Extension Committee,
Chair (2001-2002, 2011-2012)
Vice-Chair (2000-2001, 2010-2011)
Secretary (1999-2000), (2009-2010)
Education Sub-Committee Chair (2010-2012)
Young Professionals Award Sub-Committee Chair (2010-2019)
- Western Center for Risk Management Education
Founding Advisory Board Member (2001 to 2008)
- Right Risk Education Team, Member (2002–present, collaboration of livestock risk management education between Colorado State & University of Wyoming, (www.rightrisk.org).

College of Agricultural and Life Sciences

- Univ. of Arizona Cooperative Extension, Associate Director ANR, Search Committee, Chair (2019-2020)
- P and C Committee Member (2019)
- Univ. of Arizona Cooperative Extension Annual Conference Team, Member (2018–present)
- Univ. of Arizona College of Ag & Life Sciences, Diversity & Inclusiveness Committee Member (2015–present)
- Univ. of Arizona Cooperative Extension Administrative Team, Member (2012–present)
- Cross-commodity Research and Outreach Program Team, Member (2001–2018)
- Appointed Professionals Council, College of Agriculture and Live Sciences, Member (2002–2009)

Department

- Department Advisory Board Committee, Member (2010–present)
- Department Merit Committee, Member (2013–2015)
- Chair of the FFA State Agribusiness Competition, (1999–present)

V. PUBLICATIONS/CREATIVE ACTIVITY (PUBLISHED OR ACCEPTED)

Chapters in Scholarly Books and Monographs

- (p)A. Kerna, G. Frisvold, R. Tronstad and **T. Teegerstrom**, “The Contribution of the Beef Industry to the Arizona Economy”, Sponsored Project Report, the Department of Agriculture & Resource Economics, May 2014
- (p) Behe, B.K., A.W. Hodges, J.P. Newman, **T. Teegerstrom**, P. Kenkel, and U.K. Schuch. Business management basics, Chapter 18. *In* Newman, J. (ed) Container Nursery Production and Business Management. Univ. of Calif. Agric. and Nat. Resour. Publication 3540. Richmond, CA. June, 2014.
- J. Hewlett, C. Ehmke, T. Rahman, **T. Teegerstrom**, J. Tranel, and R. Weigel,. “Profiling the Evolving Characteristics and Needs for Risk Management Education of Commercial Agricultural Producers in the Intermountain West”, A Report Prepared for the Western Center for Risk Management Education, April 2010, pp.1- 72
http://ruralfamilyventures.uwagec.org/2010_07_22_RFVgt50k_FINAL.pdf
- H.R. Rosenberg, R. Carkner, J. Hewlett, L. Owen, **T. Teegerstrom**,. J. Tranel, R.R. Weigel, “Ag Help Wanted: Guidelines for Managing Agricultural Labor.” Ordering information is online at www.AgHelpWanted.org. ISBN 1-892979-04-7 pp. 1-237, May 2002. Year published?
- B.R. Beattie, **T. Teegerstrom**, J. Mortensen, and E. Monke, “A Partial Economic Impact Analysis of Arizona’s Horse Industry”, Sponsored Project Report, The Department of Agriculture & Resource Economics, October 2001
- (p)R. Tronstad, **T. Teegerstrom**, and X. Gao. “Trade-Off Between Cow Numbers, Calf Size, and Sale Date Incorporating Seasonal Factors and Supplemental Feeding.” Arizona Ranchers’ Management Guide, pp. 181-187. 1999
- (p)R. Tronstad, and **T. Teegerstrom**, “Overview of Ranch Financial Analysis Spreadsheet.” Arizona Ranchers’ Management Guide, pp. 141-146. 1999
- T. Teegerstrom**, R. Tronstad, and J. Sprinkle. “Modified Cash Projections” Arizona Ranchers’ Management Guide, pp. 153-156. 1999
- R. Tronstad, J. Sprinkle, and **T. Teegerstrom**. “Evaluating Management Decisions.” Arizona Ranchers’ Management Guide, pp. 157-174. 1999
- J. Chamie, G. Frisvold, and **T. Teegerstrom**. “The Hualapai Mountain Land Exchange: Impacts on Ranching and the Costs of Providing Public Services in Mohave County”. Report Submitted to Department of Interior, Bureau of Land Management. Kingman, Arizona. 1998.

Patents and Licenses

- C. Seavert, H. Hinman, and **T. Teegerstrom**. AgProfit™ Computer Software Program, version 2.0. Licensed to AFFCO – Australian Fresh Fruit Company, Limited.

- C. Seavert, H. Hinman, and **T. Teegerstrom**. AgFinance™ Computer Software Program, version 1.0. Licensed to AFFCO – Australian Fresh Fruit Company, Limited.
- C. Seavert, H. Hinman, and **T. Teegerstrom**. AgLease™ Computer Software Program, version 2.0. Licensed to AFFCO – Australian Fresh Fruit Company, Limited.

Refereed Journal Publications

- Summers, H., Sproul, E., Seavert, C., Angadi, S., Robbs, J., Khanal, S., Gutierrez, P., **Teegerstrom, T.**, Vazquez, D.A.Z., Fan, N., Quinn, J. C., Economic and Environmental Analyses of Incorporating Guar into the American Southwest, Agricultural Systems, (In review)
- J. Brewer, J. Hiller, S. Burke and **T. Teegerstrom**, “A Primer: Extension, Indian Land Tenure, and Rangeland Limitations”, *Rangelands* 38(1):16-22, March 2016.
- U.K. Schuch, and **T. Teegerstrom**, “Navigating Production Risks in the Nursery” *American Nurseryman*, March 6th, 2015. (<http://www.amerinursery.com/nursery-insight/navigating-production-risks-in-the-nursery/>)
- R. Ward, **T. Teegerstrom** and J. Hiller “IRS Tax Rules and Native American Producers: One Size Does Not Fit All” *Choices*, 28(2), 2nd Quarter 2013.
- U.K. Schuch, J.J. Kelly, and **T. Teegerstrom**, “Capillary mats for maintenance of plants in the retail nursery” *HortTechnology*, Vol. 18 No. 2 pp 250-255, Spring 2008.
- J. Tranel, T. Rahman, J. Hewlett, R. Weigel, **T. Teegerstrom**, and C. Ehmke, “Who are Today’s Farmers and What are Their Educational Needs?” *Western Economics Forum, Vol VII, No.1 pp 22-31* Spring 2008 <http://www.waeonline.org/WEForum/WEF-Vol.7-No.1-Spring2008.pdf>
- R. Tronstad, **T. Teegerstrom**, and D. Osgood, “The Role of Electronic Technologies for Reaching Underserved Audiences.” ASSA invited paper for session titled, Implementation and Impact of Modern Electronic Technologies on Extension, *American Journal of Agricultural Economics, Vol 86 No. 3 pp 767-771 August 2004.*
- R. Tronstad, and **T. Teegerstrom**, “Economic Trade-Offs Between Sale Weight, Herd Size, Supplementation and Seasonal Factors.” *The Journal of Range Management*, Vol 56, pp 425-431, Sept. 2003
- Z.O. Keister, K.D Moss, H.M. Zhang, **T. Teegerstrom**, R.A. Edling, R.J. Collier, R.L. Ax, “Physiological Responses in Thermal Stressed Jersey Cows Subject to Different Environmental Modifications”, *Journal of Dairy Science*, Vol. 85: pp 3217-3224, 2002

T. Teegerstrom, G. D'Souza, P. Osborne, K. Jones, "To Contract or Not to Contract? A Decision Theory and Portfolio Analysis of Cattle Contract Grazing" *Agricultural and Resource Economics Review*, 27, pp 205-215, 1997

Invited Papers and Conference Proceedings (p denotes peer reviewed)

(P) T. Teegerstrom, C. Seavert, S. Khanal and P. Gutierrez, "Whole farm analysis tool for evaluating the adoption of guayule and guar into southwest producer's current operations" Presentation & Abstract at the AAIC conference in Tucson, AZ on September 11th, 2019.

S. Khanal, P. Gutierrez, T. Teegerstrom, C. Seavert "Whole farm analysis tool for evaluating the adoption of guayule and guar into southwest producer's current operations" AAIC conference in Tucson, AZ on September 11th, 2019.

(p)P. Livingston, T. Teegerstrom and D. Slack., "Sweet Sorghum to Ethanol in Arizona: A Guidance Manual for the Grower" accepted paper at the 8th TSAE International Conference: TSAE 2015 and 16th TSAE National Conference, Bangkok, Thailand, March 17-19, 2015

J. Hewlett, R. Weigel, J. Tranel, C. Ehmke, T. Rahman and **T. Teegerstrom**, "The Evolving Characteristics and Needs for Risk Management Education of Small and Large Agricultural Producers in the Intermountain Western United States", presentation at the National Extension Risk Management Education Conference, St. Louis, MO, April 2011.

(p)J. Hewlett, R. Weigel, J. Tranel, C. Ehmke, T. Rahman and **T. Teegerstrom**, "The Evolving Characteristics and Needs for Risk Management Education of Small and Large Agricultural Producers in the Intermountain Western United States", Applied paper presented at the 18th International Farm Management Congress, Methven, New Zealand, March 2011.

(p)T. Rahman, and **T. Teegerstrom**, "Developing a Framework for Evaluating the Role of Extension Education in Perceived Farm Risk: An Application of the Multivariate Ordered Probit Model", Selected Poster of the 2007 American Agricultural Economics Associations Annual Meeting, July 29- Aug 1, 2007, Portland, Oregon

(p)T. Rahman, and **T. Teegerstrom**, "Importance and Determinants of Perceived Farm Risk: Evidence from Rural Western United States", Selected Poster of the 2007 American Agricultural Economics Associations Annual Meeting, July 29- Aug 1, 2007, Portland, Oregon

(p)J. Tranel, J. Hewlett, R. Weigel, T. Rahman, **T. Teegerstrom**, C. Ehmke. "Who are Today's Farmers and What are Their Educational Needs?", Selected Paper of the 2007 International Farm Management Association, IFMA16 Congress, July 15th-20th, University of Cork, Ireland. http://ruralfamilyventures.uwagec.org/RfVapplied_IFMC16_PUBLISHED.pdf

S.H. Husman, W.B. McCloskey, **T. Teegerstrom**, P. Clay, R. Norton, and K. White, "Yield, Quality, and Economic Comparison of Single and Double Seed Line Per Bed Cotton

Production” *Proceedings*, Published. 2002 Beltwide Cotton Conferences, Atlanta, GA
January 8-12.

- T. Teegerstrom**, and R. Tronstad, “Managing Herd Composition of Range Cattle: Sale Weight and Seasonal Factors”, Selected Paper of the 2001 Western Agricultural Economics Associations Annual Meeting, July 8-11, 2001, Logan, Utah
- G. Frisvold, and **T. Teegerstrom**, “Land Exchanges and Urban Development: an Arizona Case Study”. Selected paper presented at Western Economics Association International Meetings, San Diego CA, July 1999.

Department Working Papers

- T. Teegerstrom**, and J. Mortensen. “A Brief Look at the Arizona Dairy Industry”, AREC, Cardon Research Papers, # 01, August 2010.
- G. Frisvold, **T. Teegerstrom**, “Land Exchanges: Reshaping Land Ownership in the West”
Departmental Research Report, 1999

Extension and Trade Publications (p denotes peer reviewed)

- (p) S. Khanal, P. Gutierrez, C. Seavert, P. Bhandari, K. Grover, **T. Teegerstrom**, and D. Blayney, “**Enterprise Budgets for Guar Production**” New Mexico State University, Extension Publication (in review)
- (p) S. Khanal, J. Robbs, P. Gutierrez, C. Seavert, T. Teegerstrom, S. Wang and D. Dierig, “**Guayule Enterprise Budget: Establishment, Growing and Harvesting**” New Mexico State University, Extension Publication (in review)
- (p) **T. Teegerstrom** and R. Tronstad, “Arizona Ranching Budgets: 2016.” Arizona Cooperative Extension Bulletin. Arizona Cooperative Extension Bulletin AZ1734, April 2017.
- (p) **T. Teegerstrom** and R. Tronstad, “Arizona Ranching Budgets: 2016.” Arizona Cooperative Extension Bulletin. Arizona Cooperative Extension Bulletin AZ1734, April 2017.
- (p) **T. Teegerstrom**, and U. Schuch, “Policy of Protection: Learn how nursery crop insurance helps manage the risk in your business” Nursery Management, December 7, 2012 pg 28-31
- (p) **T. Teegerstrom**, R. Tronstad and S. Nakamoto, “An Overview of Risk Management Agency Insurance Products and Farm Service Agency Programs Available for Arizona Producers as of December 2012” Arizona Cooperative Extension Bulletin. Arizona Cooperative Extension Bulletin AZ1587, November 2012.
- T. Teegerstrom**, and U.K. Schuch, “Is Nursery Insurance Pratical to Manage Risk in Your Business?” UCNFA News Publication, Vol 15 Issue 3 pg 18-20, Fall 2011

- (p)K. Nolte, M. Ottman, **T. Teegerstrom**, and G. Wang, "Minimum Tillage for Wheat Following Winter Vegetables." Arizona Cooperative Extension Bulletin. Arizona Cooperative Extension Bulletin AZ1523, August 2010.
- J. Tranel, J. Hewlett, R. Weigel, T. Rahman, **T. Teegerstrom**, C. Ehmke. "Preliminary Results: A New Look at the Agricultural Community as Extension Clientele in the West", University of Wyoming Cooperative Extension Service B-1190, June 2008 pp.1- 46.
http://ruralfamilyventures.uwagec.org/2008_06_25_RuralFamilyVentures_FINAL.pdf
- J. Tranel, J. Hewlett, R. Weigel, T. Rahman, **T. Teegerstrom**, C. Ehmke. "Who are Today's Farmers and What are Their Educational Needs?", Poster in the 2007 International Farm Management Association, IFMA16 Congress, July 15th-20th, University of Cork, Ireland.
http://ruralfamilyventures.uwagec.org/2008_RFV_IFMC16_Poster_FINAL.pdf
- P. Charley, R. Tronstad, and **T. Teegerstrom**, "Ranch on Navajo Nation Develops Trail Riding Business", *Barnyards and Backyards, Special Conference Issue*, pp 10-11, 2007.
<http://www.uwyo.edu/barnbackyard/magazine/2007-archives.html>
- R. Tronstad, **T. Teegerstrom**, and P. Charley "Necessary Personal Skills for Dealing with Agri-Tourism Visitors", *Barnyards and Backyards, Special Conference Issue*, pp 16-17, 2007.
<http://www.uwyo.edu/barnbackyard/magazine/2007-archives.html>
- U.K. Schuch, and **T. Teegerstrom**, "Managing Risk for Nursery Producers-Tools to Consider" *Southwest Horticulture*, page 17, July/August 2006.
- T. Teegerstrom**, R. Tronstad, H. Rosenberg, and U.K Schuch, "Key Points to Know about Heat Stress: Bookmarks in English and Spanish" Cooperative Extension Publication, April 2005.
http://cals.arizona.edu/extension/riskmanagement/heat_stress/index.html#keypoints
- H. Rosenberg, U.K. Schuch, and **T. Teegerstrom**, "Chill out! Heat-stress awareness is the first step to worker safety when temperatures soar", *American Nurseryman*, Vol. 86(3) pp 42-44, May 2005.
- T. Teegerstrom**, "Ag Help Wanted; A New Book Guidelines for Managing Agricultural Labor", University of Arizona, Department of Agricultural and Resource Economics. *Arizona Review*. Volume 2(2) Fall 2004 pp. 10-11. <http://cals.arizona.edu/arec/pubs/azreview.html>
- (p)**T. Teegerstrom**, "2003-04 Arizona Farm Machinery Costs." Arizona Cooperative Extension Bulletin. Arizona Cooperative Extension Bulletin AZ1351, November 2004.
<http://cals.arizona.edu/arec/pubs/machinerybudgets.html>
- (p)**T. Teegerstrom**, W.A. Schurg, K. Block, and M. Arns, "Thinking of Owning a Pleasure Horse? A Guide for the Care and Ownership of a Pleasure Horse in Arizona", Arizona Cooperative Extension Bulletin AZ1343, September 2004.
<http://cals.arizona.edu/arec/pubs/horses/horsebookletprint.pdf>

- T. Teegerstrom**, and K. Umeda, 2001-2002 Vegetable Crop Budgets Central Arizona, Arizona Cooperative Extension, November 2001. (All Vegetable Budgets can be found at <http://cals.arizona.edu/arec/pubs/vegetablecropbudgets.html>)
- T. Teegerstrom**, R. Gibson, and R. Call, R., 2001-2002 Vegetable Crop Budgets Southern Arizona, Arizona Cooperative Extension, November 2001.
- T. Teegerstrom**, J. Palumbo, and M. Zerkoune, 2001-2002 Vegetable Crop Budgets Western Arizona, Arizona Cooperative Extension, November 2001.
- T. Teegerstrom**, “The Arizona Vegetable Crop Budget Summaries for 1999-2000” Arizona Cooperative Extension Bulletin AZ1188. October 2000
- T. Teegerstrom**, “The Arizona Field Crop Budget Summaries for 1999-2000” Arizona Cooperative Extension Bulletin AZ1189. October 2000. (All Field Crop budgets and summaries can be found at <http://cals.arizona.edu/arec/pubs/fieldcropbudgets.html>)
- (p) S.H. Husman, W.B. McCloskey, **T. Teegerstrom**, P.A. Clay, “Agronomic and Economic Evaluation of Ultra Narrow Row Cotton Production in Arizona 1999-2000”, Arizona Cooperative Extension Cotton Report. 2000
- (p) **T. Teegerstrom** and R. Tronstad, “Cost and Return Estimates of Cow/Calf Ranches for Five Arizona Regions.” Arizona Cooperative Extension, AZ1193, pp. 1-25 Dec. 2000. <http://cals.arizona.edu/arec/pubs/livestockbudgets.html>
- T. Teegerstrom**, “2000-2001 Arizona Farm Machinery Costs.” Arizona Cooperative Extension Bulletin AZ1163. February 2000.
- T. Teegerstrom**, and L. Clark, “1999-2000 Arizona Field Crop Budgets, Cochise County”, Arizona Cooperative Extension, March 1999.
- T. Teegerstrom**, L. Clark, and R. Walser, “1999-2000 Arizona Field Crop Budgets, Gram County”, Arizona Cooperative Extension, March 1999.
- T. Teegerstrom**, L. Clark, and M. Schneider, “1999-2000 Arizona Field Crop Budgets, Greenlee County”, Arizona Cooperative Extension, March 1999.
- T. Teegerstrom**, and T. Knowles, “1999-2000 Arizona Field Crop Budgets, La Paz County”, Arizona Cooperative Extension, March 1999.
- T. Teegerstrom**, and P. Clay, “1999-2000 Arizona Field Crop Budgets, Maricopa County”, Arizona Cooperative Extension, March 1999.

- T. Teegerstrom**, and T. Knowles, “1999-2000 Arizona Field Crop Budgets, Mohave County”, Arizona Cooperative Extension, March 1999.
- T. Teegerstrom**, and S. Husman, “1999-2000 Arizona Field Crop Budgets, Pima County”, Arizona Cooperative Extension, March 1999.
- T. Teegerstrom**, and S. Husman, “1999-2000 Arizona Field Crop Budgets, Pinal County”, Arizona Cooperative Extension, March 1999.
- T. Teegerstrom**, and B. Tickes, “1999-2000 Arizona Field Crop Budgets, Yuma County”, Arizona Cooperative Extension, March 1999.
- T. Teegerstrom**, and K. Umeda, “1998-1999 Vegetable Crop Budgets Central Arizona”, Arizona Cooperative Extension, January 1999.
- T. Teegerstrom**, and R. Gibson, “1998-1999 Vegetable Crop Budgets South Central Arizona”, Arizona Cooperative Extension, January 1999.
- T. Teegerstrom**, and R. Call, “1998-1999 Vegetable Crop Budgets Southeast Arizona”, Arizona Cooperative Extension, January 1999.
- T. Teegerstrom**, J. Palumbo, and T. Knowles, “1998-1999 Vegetable Crop Budgets Western Arizona”, Arizona Cooperative Extension, January 1999.
- (p)**T. Teegerstrom**, “Using A Partial Budget to Analyze Changes in Your Farm Operation” Western Farm Management Extension Committee On-Line Publication. 1999.
<http://wfmec.uwagec.org/>
- T. Teegerstrom**, “1997-98 Arizona Farm Machinery Costs.” Arizona Cooperative Extension Bulletin. February 1998.

Software, DVD's and Other Media

- C. Seavert, **T. Teegerstrom**., P. Gutierrez, S. Khanal “*Whole Farm Analysis Tool for Evaluating the Adoption of Guayule and Guar into Southwest Producers Operations*” Spreadsheet for Excel, December, 2019
- R. Ward, **T. Teegerstrom**, K. Salisbury, K. Curtis, S. Emm and C. Bishop, “*Agribusiness Management Curriculum*” Nov. 2017 <http://diverseag.org/business-management>
- S.T. Nakamoto, **T. Teegerstrom**, R. Tronstad, and U. Schuch, “Small Farm Cost Estimator”. University of Arizona, Cooperative Extension. Spreadsheet for Excel 2016
- R. Ward, **T. Teegerstrom**, K. Salisbury, K. Curtis, S. Emm and C. Bishop, “*Money Management Curriculum*” Nov. 2016. <http://diverseag.org/money-management>

- T. Teegerstrom**, R. Tronstad, and U. Schuch, “*Pocket Ranch Record book*”. University of Arizona, Cooperative Extension. Printed notebook, Nov. 2016.
- R. Ward and **T. Teegerstrom**, “MyFi Assist App” November, 2015 (App is available in both the Apple Store and Play Store) and <http://diverseag.org/money/index>.
- T. Teegerstrom**, R. Tronstad, S.T. Nakamoto, and D. Thilmany, “Trade Adjustment Assistance Programs Direct Marketing Course” March 2010. <http://taaforfarmers.org/Courses.aspx>
- C. Seavert, J. Julian, D. Peters, H. Hinman, and **T. Teegerstrom**. AgLease™ Computer Software Program, version 1.0. Oregon State University Extension Service. 2010. <http://agtools.org>.
- C. Seavert, J. Julian, H. Hinman, and **T. Teegerstrom**. AgProfit™ Computer Software Program, version 2.0. Oregon State University Extension Service. 2009. <http://agtools.org>.
- T. Teegerstrom**, J. Tranel, J. Hewlett, and R. Sharp, “Getting on Track: Better Management Through Basic Ag Records”, An interactive DVD with activities, vignettes, teaching outlines and presentations. July 2009. <http://www.rightrisk.org/>
- S.T. Nakamoto, S. Swift, **T. Teegerstrom**, and R. Tronstad, “Crop Records”. College of Tropical Agriculture and Human Resources, University of Hawaii at Manoa and The University of Arizona Cooperative Extension. Organized recordkeeping templates 2008
- S.T. Nakamoto, **T. Teegerstrom**, R. Tronstad, U. Schuch and A. Kawabata, “Nursery Break-Even Price and Profit Estimator”. College of Tropical Agriculture and Human Resources, University of Hawaii at Manoa. Spreadsheet for Excel 2006
- T. Teegerstrom**, R. Tronstad, E, J Benally, G. Moore., G, Farrell. “Livestock Records Workbook”. The University of Arizona Cooperative Extension. Organized recordkeeping templates 2005
- R. Tronstad and **T. Teegerstrom**, “Livestock Restocking/Destocking Decision Tool”. University of Arizona, Department of Ag and Resource Economics. Spreadsheet for Excel 2007
- R. Tronstad and **T. Teegerstrom**, “Crop Solver Tool”. University of Arizona, Department of Ag and Resource Economics. Spreadsheet for Excel 2006
- T. Teegerstrom**, and R. Tronstad, “Cash Cost Analysis Tool”. University of Arizona, Department of Ag and Resource Economics. Spreadsheet for Excel & Quattro Pro 2002

VI. PRESENTATIONS, WORKSHOPS, EXHIBITIONS, AND IN-SERVICE TRAINING

Table 1 provides a summary of all presentations, workshops and other trainings I have conducted throughout Arizona and other states from 2006 to December 2019. A complete list of presentations, workshops and in-service trainings is provided following the table.

Table 1. Workshops/Presentations by Year, Location, and Audience

Location	2006/11	2012	2013	2014	2015	2016	2017	2018	2019	Total
Apache	9		1	1	1	2	2			16
Cochise	8	1		1	2	3	2			17
Coconino	13	2	2	1	6	3	10	3	3	43
Gila	9		1	1	0	1	3	2	1	18
Graham	3	1	1	1	3					9
Greenlee	1									1
La Paz	5	1	3	1	3	4	1	1	3	22
Maricopa	23	1	5	5	3	3	2	4	3	49
Mohave	6	1	2				1	1	4	15
Navajo	15	1	5	1	4	2	7	4	3	42
Pima	11	1	4	3	5	8	5	9	11	57
Pinal	8	1	3		6	5	1	2	1	27
Santa Cruz	4						2			6
Yavapai	6	1	2	2	2		8			21
Yuma	5	1	2		1			1		10
Out-of-State	53	5	15	4	13	17	12	15	10	144
Annual Total	179	17	46	21	49	48	56	42	39	497

The above presentations reached the following audiences

Professional	36	4	6	3	9	11	5	7	14	95
Indian Country	58	14	16	8	20	20	32	33	35	236

Presentations, Workshops, Exhibitions, and In-Service Training

National & International:

National Inter-Tribal Agriculture Council Annual Conference: “*Financial Training Curricula*”
Las Vegas, NV Dec. 11th, 2019

National Inter-Tribal Agriculture Council Annual Conference: “*Planned Joint Conference with FALCON*” FRTEP Meeting, Las Vegas, NV Dec. 9th, 2019

National Ag Veterans Conference “*Veterans Agricultural Education and Apprenticeship Program in the Southwest*” with Ursula Schuch, Austin, TX, Nov. 18th & 19th, 2019

National FALCON Conference “*FRTEP Update and Collaboration with the 1994’s*” Denver, CO, Oct. 27th & 28th, 2019

National FRTEP Professional Development Conference “Feedback from the FRTEP listening Session in 2018” with J. Warner, Sault Ste. Marie, MI Sept. 30th to Oct. 3rd, 2019

International AAIC Conference “*Whole Farm Analysis Tool for Evaluating the Adoption of Guayule and Guar into Southwest Producers Current Operations*” Tucson, AZ Sept. 11th, 2019

Lead21 Conference “Arizona Tribal Extension Leadership” St. Paul, MN, June 17th to 19th, 2019

National Farm Bill Conference, Kansas City, MO May 22nd & 23rd, 2019

Ag in Uncertain Times Webinar "Financial & Farm Stress: Where Do We Stand?" background support, Tucson, AZ Dec. 18th, 2018

National Presentation “AFRI Sustainable Agriculture Systems (SAS) program Nevada Proposal” with B. Payne & S. Emm, Washington DC, Nov. 26th & 28th, 2018

National FRTEP Professional Development Conference “Business Risk: What is Your Risk Tolerance?” with G. Moore and S. Emm, Tulsa, OK Oct. 9th to 11th, 2018

National Presentation “FRTEP Update’s” Washington DC, March 13th & 14th, 2018

National Inter-Tribal Agriculture Council Annual Conference: Western Nation Caucus Meeting “*Farm Bill*”, Las Vegas, NV Dec. 14th 2017

National Inter-Tribal Agriculture Council Annual Conference: Navajo Nation Caucus Meeting “*Farm Bill*”, Las Vegas, NV Dec. 13th 2017

National Inter-Tribal Agriculture Council Annual Conference: FRTEP Meeting, Las Vegas, NV Dec. 11th 2017

National FALCON Conference “FRTEP Update and Collaboration with the 1994’s” Washington DC, Nov. 6th, 2017

National FRTEP Professional Development Conference “*Do We Really Need Evaluations?*” Polson, MT Sept. 19th, 2017

Indian Land Tenure Foundation “*The ICE FRTEP Account*”, Little America, MN May 17th & 18th, 2017

National Council for Native American Farming and Ranching “*The Future of FRTEP for 2017 and Beyond*” Las Vegas, NV Dec. 8th, 2016

National IAC Meeting “*Arizona FRTEP*” Las Vegas, NV Dec. 5th, 2016

National FALCON Conference “FRTEP Overview and Collaboration with the 1994’s” Albuquerque, NM Nov. 7th, 2016

National FRTEP Meeting “MC and Host” Flagstaff, AZ Oct. 10th -13th, 2016

NIFA 1862 & 1994 Conference “Arizona Indian Country Extension” Jackson Hole, WY Sept. 22nd & 23rd, 2016

7th National Small Farms Conference “Agricultural Finances and Mgt. Considerations” Virginia Beach, VA Sept. 20th, 2016

Ag in Uncertain Times Webinar “Primary Moderator” Tucson, AZ April 19th, 2016

Office of Tribal Relations “60 Minutes in Arizona Indian Country Extension” Washington, DC March 30th, 2016

NIFA FRTEP Update “60 Minutes in Arizona Indian Country Extension” Washington, DC March 29th, 2016

National IAC Meeting “*Arizona FRTEP Overview*” Las Vegas, NV Dec. 7th, 2015

Native Waters on Arid Lands Conference “*Agricultural Production Economics*” Las Vegas, NV Nov. 5th, 2015

National FRTEP Meeting “*Business Planning Overview*” Reno, NV Sept. 20th, 2015

National FRTEP Meeting “*The New Financial App Overview*” Reno, NV Sept. 20th, 2015

Personal Financial and Ag Business Curricula Development Meeting “*Outline of Curricula to be developed in 2016*” Salt Lake City, UT July 7th, 2015

National FRTEP Foundation Account Foundation Meeting “*Developing A Way Forward: The Future of FRTEP*” Denver, CO June 30th, 2015

USDA Deputy Secretary of Agriculture “*Tour of Gila River Farm and Telecommunication*” Sacaton, AZ Feb. 25th, 2015

National FRTEP Meeting “Navajo Beep Program Overview” Las Vegas, NV Dec. 9th, 2014

Webinar Series “*Ag In Uncertain Times: Farm Bill Update Series*” (T. Teegerstrom, University of Arizona, R. Lobo, University of California, J. Tranel, Colorado State University, G. Haynes, Montana State University, S. Neibergs and J. Nelson, Washington State University): “Six part series including: 1) Farm Bill Overview March 3, 2) Dairy Margin & Livestock Disaster Programs, March 17, 3) Commodity Programs & Crop Insurance March 24, 4) Conservation Title, Horticulture & Beginning Farmer Program, March 31, 5) Nutrition & Food Policy, Trade Implications & Research Title Highlights April 7, 6) Specialty Crop Program, Food Safety & FSMA & Thoughts for the Future April 14.
www.farmmanagement.org/aginuncertaintimes/

Invited Presentation at the Western Interstate Region National Association of Counties Annual Conference, “*Ag Help Wanted Overview*” Flagstaff, AZ, May 22nd, 2013

Presentations at the RMA National Outreach Education Meeting, “*Hopi Rancher Project*” (with M. Livingston) Denver, CO, April 3rd – 5th, 2013

Webinar “Keepseagle Business Tools” **T. Teegerstrom**, University of Arizona: **Web team (T. Teegerstrom**, University of Arizona, J. Hipp, University of Arkansas, H.L. Goodwin, University of Arkansas J. Warner, Washington State University), Feb. 19th, 2013

Presentation to the Mexico Ag Delegation “*Arizona Tribal Extension Program Overview*” Tucson, AZ Feb. 14th, 2013

Webinar “Tax Implications of the Keepseagle Settlement” **Web team (T. Teegerstrom**, University of Arizona, J. Hipp, University of Arkansas, H.L. Goodwin, University of Arkansas J. Warner, Washington State University), Feb. 8th, 2013

Web Seminar Series “AAEA Ext. Section: Agricultural Leasing” Emcee by John Hewlett, University of Wyoming, **Web team (T. Teegerstrom**, University of Arizona, R. Lobo, University of California, J. Tranel, Colorado State University, D. Griffith, Montana State University, S. Neibergs and J. Nelson, Washington State University): May 16th, 2012

Selected presentation at the National Women in Agriculture Conference, “*Local Foods and LocalFresh.info*” Memphis, TN, March 27th & 28th, 2012.

Web Conference Series “Ag in Uncertain Times: Speed of Change” Conducted 4 sessions starting at 7:00 AM till 2:00 PM. **Web team (T. Teegerstrom**, University of Arizona, R. Lobo, University of California, J. Tranel, Colorado State University, D. Griffith, Montana State University, J. Hewlett, University of Wyoming, S. Neibergs and J. Nelson, Washington State University): March 14th, 2012

Selected poster presented at the 18th International Farm Management Congress, “Ag in Uncertain Times Espanol” K. Gallardo, D. Griffith, J. Hewlett, R. Lobo, J. Newkirk, J. Nelson, L. Santamaria, **T. Teegerstrom** and L. Tourte, Methven, New Zealand, March 2011.

Web Seminar Series “AAEA Ext. Section & CFARE: Regional Perspectives on Economic Forces Shaping Land Asset Values” Emcee by **Teegerstrom, Web team (R. Lobo**, University of California, J. Tranel, Colorado State University, D. Griffith, Montana State University, J. Hewlett, University of Wyoming, S. Neibergs and J. Nelson, Washington State University): December 13th, 2011

Invited Presentation at the IAC-INCA Annual Conference, “*Recordkeeping and Management Considerations*” Las Vegas, NV, Dec.5th -8th, 2011.

Agricultural Applied Economics Association Annual Conference (Session speaker), ‘*Keys to Cross Institutional Collaboration*’ Pittsburgh PA, July 25th, 2011

National Risk Management Conference (Invited Speaker pre-conference workshop), ‘*Transitioning the Business to the Next Generation*’ (with D. Goeller and J. Baker), April 14th, 2011

Web Seminar “*Ag In Uncertain Times: Trends, Issues and Risk Management Tools for Direct Marketing of Fresh Fruits and Vegetables & Fresh Produce Marketing Trends, Dynamics, and Implications for Suppliers (Grower-Shippers)*” (**T. Teegerstrom**, University of Arizona, R. Lobo, University of California, J. Tranel, Colorado State University, D. Griffith, Montana State University, J. Hewlett, University of Wyoming, J. Newkirk and J. Nelson, Washington State University): March 7th & 21st, 2011

Web Seminar Series “*Ag and The Tax Relief Act of 2010*” Emcee by **T. Teegerstrom, Web team** (R. Lobo, University of California, J. Tranel, Colorado State University, D. Griffith, Montana State University, J. Hewlett, University of Wyoming, J. Newkirk and J. Nelson, Washington State University): February 7th, 2011

Invited Presentation at the IAC-INCA Annual Conference, “*Livestock Recordkeeping and Tax Considerations*” Las Vegas, NV, Dec.6th -9th, 2010.

Webinar Series “*Ag In Uncertain Times in Spanish*” (**T. Teegerstrom**, University of Arizona, R. Lobo, University of California, J. Tranel, Colorado State University, D. Griffith, Montana State University, J. Hewlett, University of Wyoming, J. Newkirk and J. Nelson, Washington State University and B. Craven, University of Minnesota Center for Farm Financial Management): **Spanish Series**) Three Webinars over a two months. 2010

Webinar Series “*Ag In Uncertain Times*” (**T. Teegerstrom**, University of Arizona, R. Lobo, University of California, J. Tranel, Colorado State University, D. Griffith, Montana State University, J. Hewlett, University of Wyoming, J. Newkirk and J. Nelson, Washington State University and B. Craven, University of Minnesota Center for Farm Financial Management): “Five part series including: 1) Operating in the face of uncertain credit June, 9th, 10th, 17th & 24th. 2) Operating in the face of uncertain markets, Sept. 9th, 16th, & 23rd. 3) Families facing uncertainty in ag, Oct. 7th, 14th, and 21st. 4) Operating in Risky Environments, Nov. 4th, 11th, & 18th. 5) Pulling it all together: Managing Ag Enterprises in Uncertain times Dec. 2nd, 9th & 16. www.farmmanagement.org/aginuncertaintimes/

National FFA Farm Business Test (Advisor), “*Administered and Graded Test*” Indianapolis, IN, Oct. 20th -22nd, 2009.

Presentations at the RMA National Outreach Education Meeting, “*An Overview of the Arizona Outreach Project*” Springfield, IL, Sept. 14th & 15th, 2009.

Invited Presentation at the Immigration Reform: Implications for Farmers, Farm Workers, and

Communities, *“Supervisor and Worker Relational Tune-up: Improving Labor Retention with Insights from the Yuma Survey Results”*, Washington DC, May 2008.

RMA Outreach Project Directors Meeting, *“An Overview of Arizona Outreach Project”*
+ Little Rock AR, October 2008

Regional:

Native Waters on Arid Lands Conference “Tribal Extension Programs in the Southwest Panel” Reno, Oct. 23rd & 24th, 2019

SBAR Annual Conference *“Whole Farm Analysis Tool for Evaluating the Adoption of Guayule and Guar into Southwest Producers Current Operations”* Tucson, AZ Sept. 12th, 2019

WCRME Project Meeting, “Risk Management Education for Native American Farmers & Ranchers” Salt Lake City, UT, June 24th & 25th, 2019

WEDA Regional Meeting, “Tribal Extension and 1994 Collaboration”, San Diego, CA, April 3rd & 4th, 2019

WSARE Project Meeting, “Enhancing Enterprise Diversification Assessment for Native American Farmers to Enhance Economic Sustainability” Phoenix, AZ, March 1st & 2nd, 2019

SWIAA Annual Conference, Laughlin, NV, Jan. 22nd & 23rd, 2019

Native Waters on Arid Lands Conference “Economic Development and Production Economics: The Role of Agriculture in Economic Development Panel” Reno, Oct. 16th & 17th, 2018

Climate Resilience Workshop “Adapting Agriculture to Increasing Variability of Water Supplies and Warming Temperatures, Focus Group” Crown Point NM. Sept. 6th & 7th, 2018

Climate Resilience Workshop “Adapting Agriculture to Increasing Variability of Water Supplies and Warming Temperatures, Focus Group” Jicarilla Apache, NM Sept. 5th, 2018

Indian Land Tenure Foundation “The Indian Country Extension Account”, Little America, MN Aug. 26th -28th, 2018

WAEA Conference, Western Extension Committee "Ag Help Wanted: Guidelines for managing Agricultural Labor" Anchorage, AK June 24th - 26th, 2018

Native Waters on Arid Lands Extension Meeting “Roundtable Discussion Climate and Agriculture’s Adaptation” Las Vegas, NV. May 30th, 2018

Alternate FSMA Training Curriculum Working Group, Fayetteville, AR, April 14th - 16th, 2018

Regional Tribal Food Safety Workshop, Co-Coordinator, Albuquerque, NM March 26th & 27th,

2018

Inter-Tribal Ag Council "Financial Training for their Agents", Quapaw, OK Feb. 5th & 6th, 2018

SWIAA Annual Conference, Laughlin, NV, Jan. 16th -18th, 2018

Beginning Farmer Workshop "*Project Wrap-up*" Jemez, NM, Nov. 20th, 2017

Native Waters on Arid Lands Conference "*Ranch Economics & Conservation Practices Panel*" Reno, NV Nov. 15th, 2017

Beginning Farmer Workshop "*Agriculture Business Plans for Jemez Producers*" Jemez, NM, May 23rd, 2017

Native Waters on Arid Lands Local Workshop "*Roundtable Discussion Climate and Agriculture's Adaptation*" Reno, NV May 9th, 2017

Presentation at the Shiprock Farm Days "*MyFi, Personal Financial Training*" (with Dr. Ruby Ward) Shiprock NM, March 28th, 2017

SWIAA Annual Conference, Laughlin, NV, Jan. 17th - 19th, 2017.

1st Annual Southwest Land Grant Institutions 1862's & 1994's Meeting "*Enhancing Collaboration, Communication and Coordination in Indian Country*" Twin Arrows, AZ, Jan. 9th & 10th, 2017

Native Waters on Arid Lands Conference "*Agricultural Production Economics*" Las Vegas, NV Nov. 9th, 2016

Beginning Farmer Workshop "*Getting Back on Track*" Jemez, NM, Oct. 6th, 2016

Alaska Native Producers Webinar "*Agriculture Business Structure, with Ruby W.*" Tucson, AZ Aug. 10th, 2016

Alaska Native Producers Webinar "*Alaska Risk Management for Agriculture*" Tucson, AZ Aug. 3rd, 2016

RMA Workshop "*Financial APP and Credit Scores*" Moapa, NV July 25th, 2016

Alaska Native Producers Webinar "*Business Planning*" Tucson, AZ June 15th, 2016

WELD Conference "*FRTEP Project Plan Report*" Anchorage, AK May 17th - 20th, 2016

Beginning Farmer Workshop "*Market and Crop Selection*" Jemez, NM, April 20th, 2016

Western Extension Committee "*Arizona Ag Econ Extension*" Las Vegas, NV Jan. 7th & 8th, 2016

New Mexico BFRDP Workshop, “*Recordkeeping and Funding Options*”, Jemez, NM, Dec 14th, 2015

New Mexico High School Guest Speaker, “*Agricultural Related Career Option and CALS Opportunities*”, Jemez, NM, Dec 14th, 2015

Western SARE “Tribal Business Development Input Workshop”, Las Vegas, NV Nov. 2nd, 2015

New Mexico BFRDP Workshop, “*Record Keeping & Crop Selection*”, Jemez, NM, July 30th, 2015

Western SARE “Tribal Business Development Input Workshop”, Salt Lake City, UT July 6th, 2015

New Mexico BFRDP Workshop, “*Hoop house Repair and Project Update*”, Jemez, NM, May 27th, 2015

Western SARE “Tribal Business Development Input Workshop”, Las Vegas, NV Dec. 8th, 2014

New Mexico Workshop, “*4-H and FRTEP*”, Shiprock, NM, March. 20th, 2014

New Mexico Workshop, “*Livestock Records*”, Laguna, NM, March. 12th, 2014

New Mexico BFRDP Workshop, “*Program Update*”, Jemez, NM, March. 12th, 2014

New Mexico BFRDP Workshop, “*Record Keeping and Business/Farm Plans*” (with R. Tronstad), Jemez, NM, Jan. 29th, 2014.

Presentation at the SWIAA Annual Conference, “*Arizona FRTEP Program*” Maricopa, AZ, Jan. 22nd – 24th, 2014.

New Mexico BFRDP Workshop, “*Marketing Decisions for Spec Crop Producers*” (with R. Tronstad), Cochiti Lake, NM, May 13th, 2013.

New Mexico BFRDP Workshop, “*Marketing Decisions for Spec Crop Producers*” (with R. Tronstad), Jemez, NM, May 13th, 2013.

Native Ranchers Workshop “*Ranch Records*” Shiprock, NM April 29th, 2013

New Mexico BFRDP Workshop, “*Records and Management Decisions for Crop Producers*” Cochiti Lake, NM, April 9th, 2013.

Tribal Tax Workshop “*Keepseagle Tax Implications*” Gallup, NM March 14th, 2013

Shiprock Agricultural Days “*Developing a Sound Business Plan and Keepseagle Tax Update*”
Shiprock, NM March 12th, 2013

Native Ranchers Workshop “*Developing a Sound Business Plan*” Shiprock, NM Feb 4th, 2013

Presentation at the SWIAA Annual Conference, “*Arizona FRTEP Program*” Laughlin, NV, Jan.
22nd – 24th, 2013.

New Mexico Nursery Risk Management Workshop (with U. Schuch), “*Brief Economic Outlook
Nursery/Landscaping, Introduction to the Nursery Cost Estimator Program and Nursery
Insurance Tools*” Albuquerque, NM, April 26th, 2012.

Shiprock Agricultural Days “*Developing a Sound Business Plan*” Shiprock, NM March 21st,
2012

Invited Presentation, Agricultural Marketing and Management Organization (AMMO), “*Keys to
Success: Developing a Sound Business Plan*” Coalfax & Davenport, WA February 27th and
28th, 2012

Cochiti Tribal Crop Workshops, “*Records and Management Decisions for Crop Producers*”
Cochiti Lake, NM, June 3rd, 2011.

California Nursery Risk Management Workshop (with U. Schuch), “*Resources and Update for
Agricultural Taxes, Industry Benchmarks and Cost or Production, Introduction to the
Nursery Cost Estimator Program and Nursery Insurance Tools*” Carpinteria, CA, May 9th,
2011.

New Mexico Nursery Risk Management Workshop (with U. Schuch), “*Brief Economic Outlook
Nursery/Landscaping, Introduction to the Nursery Cost Estimator Program and Nursery
Insurance Tools*” Albuquerque, NM, March 28th, 2011.

CRC-AFRI Planning Conference: “*Figuring Group Presentation*” Las Cruces, NM, March. 5th
& 6th, 2011.

Booth at the SWIAA Annual Conference, “*Arizona Ranch Risk Information and Other Insurance
Options*” Laughlin, NV, Jan. 18th – 20th, 2011.

Oregon Nursery Management Workshop (with S. Nakamoto): “*Nursery Cost/Profit Estimator
and Bench Mark Analysis for the retail nursery*” Portland, OR, Dec. 3rd, 2010

Webinar Training for Arizona and California Nursery/Greenhouse Producers (with U. Schuch
and S. Nakamoto): “*Nursery Cost/Profit Estimator and Capillary mats evaluation for the
retail nursery*” April 15th, 2010

California Nursery Management Workshop (with U. Schuch): “*Nursery Cost/Profit Estimator
and Bench Mark Analysis for the retail nursery*” Alta, CA, June 17th, 2010

Nevada Tribal Livestock Workshops, *“Introduction to AGR-Lite and Other Insurance Options”*
Elko and Owyhee, NV, Feb. 22nd & 23rd, 2010.

Booth at the SWIAA Annual Conference, *“Introduction to AGR-Lite and Other Insurance Options”* Laughlin, NV, Jan. 21st, 2010.

Webinar Training with California Ornamental Research Federation (with Ursula Schuch and Stuart Nakamoto): *“Nursery Cost/Profit Estimator and Capillary mas evaluation for the retail nursery”* April 15th, 2009

Presentations at the East Texas Nursery and Greenhouse Conference (Invited Speaker),
“Introduction to the Nursery Cost Estimator Program” Tyler, TX, March 31st, 2009.

Presentations at the Southwest Marketing Network Conference (Invited presentation with R. Tronstad), *“Developing a Sound Business Plan”* Durango, CO, April 6th, 2009

Presentations at the National Ag Risk Conference (with U. Schuch and S. Nakamoto),
“Introduction to the Nursery Cost Estimator Program” Reno, NV, March 31st, 2009.

Presentations at the Shiprock Farm Days, *“Developing a Sound Set of Production and Financial Record”* Shiprock, NM, March 23rd, 2009.

Utah Nursery Workshop, *“Nursery Cost/Profit Estimator and Insurance Considerations”* Feb. 24th, 2009

Booth at the SWIAA Annual Conference, *“Introduction to AGR-Lite and Other Insurance Options”* Laughlin, NV, Jan. 21st, 2009.

Presentation at the Diversity in Agriculture Conference *“Developing a Marketing Plan”* Logan, UT, February 2008.

Presentation at the Shiprock Farm Days *“Recordkeeping for Farmers and Ranchers”* Shiprock NM, March 2008.

Basic Recordkeeping for Agricultural Operations workshops at the following locations
Honolulu, Hilo, and Lihue Hawaii. March 2008

California Nursery workshop titled *“Nursery Cost Estimator-Cost of Production Sheet”*
Carlsbad, CA, May 2008.

Presented talks on *“Basic Recordkeeping for Agricultural Operations”* at the three locations;
Honolulu, Hilo, and Lihue Hawaii. July and August 2008

Presented talks on *“Overview of Nursery Insurance Program”* and *“Basic Recordkeeping for Beginning and Limited Resource Farmers”* at workshops in Haleiwa, Honolulu, Hilo,

Kahului, Keaau, Pahala, and Waialua Hawaii. Jan 30th, 31st, Feb. 1st. July 30th, 31st, Aug 1st. and Sept 9th, 10th & 11th 2008.

Presented talks on “*Nursery Cost Estimator and Nursery Insurance*” at the following three locations Honolulu, Hilo, and Lihue Hawaii. September 2008

Presented talks on “*Overview of Nursery Insurance Program*” and “*AGR-Lite Program Overview*” at workshops on Risk Management Education in Honolulu, Hilo, Kahului, and Lihue Hawaii. March 14th, 15th, 19th, & 20th. 2007

Arizona:

People’s Farms " Tribal Agriculture Business and Marketing Training" Whiteriver, AZ, Dec. 17th, 2019

Hualapai Council Meeting, "MOU and Tribal Extension" Peach Springs, AZ Dec. 16th, 2019

5th Annual Arizona Agribusiness Roundtable, Tempe, AZ, Dec. 2nd, 2019

Tortuga Ranch, "Tribal Extension Land Leases", with Kim McReynolds, Pascua Yaqui Tribe Near Three Points, AZ. Nov 8th, 2019

Tohono O’odham Community College: “Ag Days Training and Partnership Planning” with Joshua Moore, Sells, AZ Nov. 6th, 2019

Urban Agriculture Conference “Arizona Tribal Extension Programs”, Mesa, AZ Oct. 10th, 2019

Tortuga Ranch, "Tribal Extension 4-H", with Joshua Moore, Pascua Yaqui Tribe Near Three Points, AZ. Sept. 26th, 2019

Colorado River Indian Tribes/Geosciences Project Meeting with Claudia Nelson, Don and Debbie, Parker, AZ Sept. 21st, 2019

Indigenous Foods/Food Access Workshop, Payson, AZ Sept. 19th, 2019

Native Water on Arid Lands Teacher Workshop, Star School, AZ Aug. 19th, 2019

U of Arizona Annual Extension Conference “Understanding the Process of Working with Tribes in AZ" Tucson, AZ, Aug. 7th, 2019

U of Arizona Annual Extension Conference “Tribal Extension" Tucson, AZ, Aug. 7th, 2019

U of Arizona Annual Extension Conference “FRTEP Poster" Tucson, AZ, Aug. 7th, 2019

Colorado River Indian Tribes/Geosciences Project Meeting with Claudia Nelson, Don and Debbie, Parker, AZ July 30th, 2019

SBAR Economic Integrated Model Meeting at Bridgestone, Eloy, AZ July 15th, 2019

WEST Center/DRI Collaboration Meeting “Hopi Energy Needs” with M. McCarthy, Tucson, AZ, June 27th, 2019

San Xavier Economic Development “Tribal Ag Financial Analysis”, Tucson, AZ June 1st, 2019

Gila County Advisory Board Meeting “Tribal Extension” Globe, AZ May 21st, 2019

Tortuga Ranch, "Tribal Extension Livestock Considerations", with Betsy Green, Pascua Yaqui Tribe Near Three Points, AZ. May 9th, 2019

Rural Development “Tribal Ag Financial Analysis” Twin Arrows, AZ May 4th, 2019

White Mountain Apache Livestock Assn. “Tribal Financial Analysis and Business Structure” with Izetta Morris, Hon-Dah, AZ April 25th, 2019

Indige-FEWSS “Tribal Extension”, Tucson, AZ April 15th, 2019

Haury Foundation, “Safe Water and Healthy Food for Native Americans Program” Tucson, AZ, April 9th, 2019

Hualapai Council Meeting, "MOU and Tribal Extension" Peach Springs, AZ April 6th, 2019

Tortuga Ranch, "Tribal Extension Overview", Pascua Yaqui Tribe Near Three Points, AZ. March 28th, 2019

Climate Resilience Workshop “Adapting Agriculture to Increasing Variability of Water Supplies and Warming Temperatures, Focus Group” Tuba City, AZ March 14th, 2019

Climate Resilience Workshop “Adapting Agriculture to Increasing Variability of Water Supplies and Warming Temperatures, Focus Group” Second Mesa, AZ March 13th, 2019

White Mountain Apache Livestock Assn. “Tribal Agricultural Tax Considerations” with Ruby Ward, Hon-Dah, AZ March 5th, 2019

Agricultural Coops Workshop "Basic Financial Analysis for Farmers and Ranchers", Twin Arrows, AZ, Feb. 9th, 2019

Gila River Farms "Tribal Extension, MOU and Farm Management", Sacaton, AZ Jan. 17th, 2019

Indige-FEWSS seminar series "Arizona Tribal Extension Overview" Tucson, AZ, Nov. 7th, 2018

Southwest Adaptation Forum, Panel Member "Working with Tribal Communities" Tucson, AZ Oct. 29th - 30th, 2018

4th Annual Southwest IAC Conference "Record Keeping & Reporting to IRS for EQIP Contracts & Other USDA Programs" Twin Arrows, AZ Sept. 25th & 26th 2018

AZDA/Native American Agriculture Roundtable Meeting, Phoenix, AZ Sept. 18th, 2018

4th Annual Tribal Economic Outlook Conference, Flagstaff, AZ Aug. 22nd, 2018

Arizona Extension Annual Conference, "FRTEP Poster", Tucson, AZ Aug. 7th & 8th, 2018

SBAR Annual Project Meeting, Tucson, AZ Aug. 2nd & 3rd, 2018

First Nations Conference "FRTEP Programs" Twin Arrows, AZ July 27th, 2018

CRIT Agriculture Workshop "Economics behind Negotiating Lease Agreements" Parker, AZ July 19th, 2018

San Carlos Ranchers "Herd Health and Range Management Economic Decisions" & "USDA Program Review" San Carlos, AZ July 17th & 18th, 2018

Pascua Yaqui Tribal Health and Tortuga Ranch Visit, Tucson, AZ July 16th, 2018

Collaborative Agricultural Financial Project with USU and OSU, Casa Grande, AZ July 13th, 2018

SWIAA Livestock Days Meeting Management, Hon Dah, AZ June 19th & 20th, 2018

Beginning Farmer Workshop "Business Planning and Management Decision Tools" Ajo, AZ June 13th, 2018

Hopi Range Discussion with First Nations "Rangeland Records the need for VGS System" Tucson, AZ June 7th, 2018

Tour with ADA Director Killian, Sharma, David, Colleen, Arnold "Cibecue Ranch and Farming Issues" Cibecue, AZ June 1st, 2018

NIFA SBAR Project All-Team Meeting, Tucson, AZ May 4th, 2018

Hopi "Importance of Records: Cost/Benefit Applications of Management Practices for AZ Range Cow Operations" Kykotsmovi, AZ April 26th, 2018

FRTEP Evaluation Workshop, Phoenix, AZ April 9th, 2018

AZDA/Native American Agriculture Roundtable Meeting, Phoenix, AZ March 5th, 2018

FFA CED Test “Farm Management and Agribusiness” Tucson, AZ March 2nd, 2018

Risk Management Workshop “Agricultural Record Keeping” San Carlos, AZ Feb. 27th, 2018

Ag Summit Student Program "Career Opportunities in Ag Business" Yuma, AZ Feb 21st & 22nd, 2018

Gila River Farms Visit "Citrus and Olive Production", with Glen Wright, Sacaton, AZ Feb. 16th, 2018

Hosted Navajo Technical University Reps on Campus, Tucson, AZ Feb. 13th & 14th, 2018

Hualapai Workshop "Ranch Record Keeping", Peach Springs, AZ Jan. 11th, 2018

San Xavier Cooperative Association: Cold Storage Ground Breaking Ceremony, San Xavier Farm, Dec. 16th, 2017

UA/ASU Tuba City Equine Center Project Review, Nov. 5th, 2017

ACBS 475 Equine Enterprise Guest Lecture “*Equine Business Plans 2017*” Tucson, AZ Nov. 2nd, 2017

MAC Small Farms Workshop “*The Need for Economics – Small Acreage Economic Considerations*” Maricopa, AZ Oct. 25th, 2017

Tribal Environmental Health Forum “*Arizona Indian Country Cooperative Extension: Supporting Resource Management in Indian Country*” Gila River, AZ Oct 20th, 2017

Ranch 101 Workshop “Rangeland and Records” Cibecue, AZ Oct. 19th, 2017

Beginning Farmer Workshop “*Livestock Budgets and Record Keeping*” Sonoita, AZ Oct. 4th, 2017

Farm & Ranch Tour with AZ Dept. of Ag Director Mark Killian, Cibecue, AZ Sept. 26th, 2017

Climate Resilience Workshop “*Adapting Agriculture to Increasing Variability of Water Supplies and Warming Temperatures, Focus Group*” Parker, AZ Sept. 14th, 2017

Climate Resilience Workshop “*Adapting Agriculture to Increasing Variability of Water Supplies and Warming Temperatures, Focus Group*” Dine College Sept. 12th, 2017

Tuba City Equestrian Learning & Education Center, Project Meeting with ASU, Phoenix, AZ August 24th, 2017

Beginning Farmer Workshop “*Record Keeping and Management Decision Tools*” Kingman, AZ August 23rd, 2017

Beginning Farmer Workshop “*Record Keeping and Management Decision Tools*” Flagstaff, AZ August 22nd, 2017

Ranch 101 Workshop “*Personal Financial Overview*” Cibecue, AZ August 17th, 2017

Beginning Farmer Workshop “*Record Keeping and Management Decision Tools*” Douglas, AZ August 16th, 2017

San Xavier Livestock Workshop “*Cost/Benefit Applications of Management Practices for AZ Range Cow Operations*” San Xavier Coop Farm, AZ July 29th, 2017

USDA/AMS Local Food Resource Mapping “*Regional Focus Panel Workshop*”, Flagstaff, AZ June. 9th, 2017

SWIAA Livestock Days “*Cost/Benefit Applications of Management Practices for AZ Range Cow Operations*” Hon Dah, AZ June 20th, 2017

USDA/AMS Local Food Resource Mapping “*Regional Focus Panel Workshop*”, Prescott, AZ June. 26th, 2017

BIA Western Navajo Region “*Rangeland Management; U of A Partnership*” Tuba City, AZ June 12th & 13th, 2017

SWIAA Board Meeting “*Non-Profit Status, Moving Forward*” San Xavier, AZ June 10th, 2017

San Carlos BIA “*Review of the San Carlos FRTEP & Extension Programs*” San Carlos, AZ May 24th, 2017

Local Ranch Interview with Ashley Kerna & Arron Lien “*Ranch Adaptive Management Project*” Tucson, AZ April 24th, 2017

Guest Lecturer with Ashley Kerna “*Ranch Financial Management Considerations*” Tucson, AZ April 5th, 2017

Beginning Farmer Workshop “*Small Farm Cost Estimator*” Flagstaff, AZ March 22nd, 2017

Navajo Nation Employee Retreat “*AZ Cooperative Extension & FRTEP Programs*” March 16th, 2017

FFA CED Test “*Farm Management and Agribusiness*” Tucson, AZ March 3rd, 2017

Tuba City Gov’t Delegation “*College of Ag and Life Sciences*” Tucson, AZ Feb. 28th, 2017

Risk Management Workshop “*Agricultural Record Keeping*” San Carlos, AZ Feb. 27th, 2017

Beginning Farmer Workshop “*Agricultural Record Keeping*” Flagstaff, AZ Feb. 22nd, 2017

North Leupp Family Farm Coop “*Agricultural Business Planning*” Leupp, AZ Feb. 18th, 2017

Little Colorado River Development “*AZ Cooperative Extension Program Overview*, Winslow, AZ Feb. 17th, 2017

Ranch 101 Workshop “*Planning for the Future*” Cibecue, AZ Feb. 16th, 2017

Tuba City Council “*AZ Cooperative Extension & FRTEP Programs*” Tuba City, AZ Jan. 27th, 2017

Business Planning Cooperative “*AZ Cooperative Extension Program Overview*, Winslow, AZ Jan. 20th, 2017

Colorado River Indian Tribes “*FRTEP Funding*” Parker, AZ Dec. 27th, 2016

USDA/AMS Local Food Resource Mapping “*Regional Focus Panel Workshop*”, Florence, AZ Dec. 9th, 2016

BIA Navajo Nation Department of Ag “*Rangeland Management, FRTEP Role*” Ft. Defiance, AZ Nov. 14th, 2016

Beginning Farmer Workshop “*Small Farm Cost Estimator*” Benson, AZ Nov. 16th, 2016

Gila River Indian Community District 7 “*4-H Proposal Presentation with Debbie P.*” Laveen, AZ Nov. 1st, 2016

Maricopa Master Farmer “*Agricultural Record Keeping*” Phoenix, AZ Oct. 24th, 2016

Beginning Farmer Workshop “*Agricultural Record Keeping*” Benson, AZ Oct. 19th, 2016

Beginning Farmer Workshop “*Business Planning*” Benson, AZ, Oct. 5th, 2016

Beginning Farmer Workshop “*Small Farm Cost Estimator*” Florence, AZ Oct. 4th, 2016

Beginning Farmer Workshop “*Building Hoop Houses*” Florence, AZ Sept. 29th, 2016

Gila River Indian Community District 1 “*4-H Proposal Presentation with Debbie P.*” Blackwater, AZ Sept. 6th, 2016

Yavapai Prescott Indian Tribe “*Ag Econ Extension Areas to Consider*” Tucson, AZ Sept. 2nd, 2016

RMA Workshop “*Custom Rates Survey*” Parker, AZ Aug. 31st, 2016

San Xavier Workshop “*Business Planning*” San Xavier, AZ Aug.27th, 2016

Gila River Indian Community District 5 “*4-H Proposal Presentation with Debbie P.*” Casa Blanca, AZ Aug.24th, 2016

FFA Fall Retreat “*The New Team Competition for CED*” Tucson, AZ Aug. 20th, 2016

San Xavier Workshop “*Record Keeping*” San Xavier, AZ July 30th, 2016

Economic Development Workshop “*Agricultural Considerations*” Cibecue, AZ July 21st, 2016

Pinal Food Hub “*Business Planning*” San Xavier, AZ June 1st, 2016

Navajo Nation “*Financial APP and Credit Scores*” Wheatfields, AZ May 7th, 2016

FRTEP Professional Development Workshop “*Planning for the Future*” Flagstaff, AZ May 4th & 5th, 2016

SWIAA Livestock Days “*Livestock Outlook and Insurance Options*” San Carlos, AZ April 13th & 14th, 2016

FFA CED Test “*Farm Management and Agribusiness*” Tucson, AZ March 4th, 2016

RMA Workshop “*Herd Health Considerations*” Cibecue, AZ Feb. 18th, 2016

San Xavier Workshop “*Record Keeping*” San Xavier, AZ Feb. 13th, 2016

RMA Workshop with R. Tronstad “*Outlook & Crop Insurance Considerations with Limited Water*” Buckeye, Az Jan. 27th, 2016

RMA Workshop with R. Tronstad “*Outlook & Crop Insurance Considerations with Limited Water*” Marana, Az Jan. 26th, 2016

SWIAA Annual Conference with R. Tronstad “*Beef Price Outlook & Managing Livestock Risk*” Parker, AZ January 19th & 20th, 2016

Arizona Speaker of the House & Navajo Meeting “*Set up the meeting and discussed extension and tribal issues*” Tuba City, AZ Nov. 14th, 2015

Arizona Speaker of the House & Hopi Meeting “*Set up the meeting and discussed extension and tribal issues*” Tuba City, AZ Nov. 14th, 2015

Gila River Farm Days “*FRTEP & Tribal 4-H Discussions with Counsel Representatives*” Casa Blanca, AZ Nov. 13th, 2015

Colorado River Indian Tribes & La Paz County “*New Sign Unveiling*” Parker, AZ Oct. 30th, 2015

Master Farmer Workshop “*Record Keeping & Financial Analysis*” Phoenix, AZ Oct. 26th, 2015

Beginning Farmer Workshop “*Business Plan Basics*” Prescott, AZ Oct. 26th, 2015

Ranching 101 White Mountain Apache Workshop “*Developing a Ranch and Grazing Association Plans*” Cibecue, AZ Oct. 15th, 2015

Beginning Farmer Workshop “*Introduction the New Financial App and Understanding the impact of Credit Scores*” Prescott, AZ Oct. 6th, 2015

Ranching 101 White Mountain Apache Workshop “*Understanding USDA Programs for Ranchers*” Cibecue, AZ Sept. 17th, 2015

Beginning Farmer Workshop “*Ag Tour in Safford*” Safford, AZ Aug. 21st, 2015

Ranching 101 White Mountain Apache Workshop “*Record Keeping*” Cibecue, AZ Aug. 20th, 2015

Ranching Risk and Farm Bill Update Workshop “*Cost of Production*” Willcox, AZ Aug. 19th, 2015

Tribal Producer Meeting “*Keepseagle Update*” Parker, AZ Aug. 15th, 2015

Arizona Cattle Growers Annual Conference “*Ranching Risk Management Booth*” July 22nd – 24th, 2015

AMS Program Workshop “*Cert & Labeling, Assessing Mkts, etc.*” Show Low, AZ July 15th, 2015

6th Annual Agriculture & Youth Conference “*Record Keeping*” Twin Arrows, AZ June 17th, 2015

Beginning Farmer Workshop “*Certification and Labeling*” Safford, AZ May. 21st, 2015

Beginning Farmer Workshop “*Certification and Labeling*” Tucson, AZ May. 20th, 2015

AMSTA Program Workshop “*Local Foods and Grant Writing*” Show Low, AZ May 5th, 2015

AMSTA Program Workshop “*Local Foods and Grant Writing*” Sells, AZ April 16th, 2015

Beginning Farmer Workshop “*Funding Opportunities*” Florence, AZ April 14th, 2015

Ranching 101 White Mountain Apache Workshop “*Introduction to Course*” Cibecue, AZ April 9th, 2015

White Mountain Apache Workshop “*Record Keeping*” Hon-Dah, AZ April 2nd, 2015

AMSTA Program Workshop “*Local Foods and Grant Writing*” Phoenix, AZ Mar. 23rd, 2015

AMSTA Program Workshop “*Local Foods and Grant Writing*” Sells, AZ March 19th, 2015

Beginning Farmer Workshop “*Record Keeping*” Whitecone, AZ Mar. 10th, 2015

Farm Bill Training “*Outlook and 2014 Farm Bill Update*” Maricopa Ag Center, AZ Feb. 18th, 2015

Farm Bill Training “*Outlook and 2014 Farm Bill Update*” Casa Grade, AZ Feb. 17th, 2015

Farm Bill Training “*Outlook and 2014 Farm Bill Update*” Marana, AZ Feb. 16th, 2015

Cocopah Tribal Meeting “*U of A Extension Overview*” Yuma, AZ Feb. 12th, 2015

Farm Bill Training “*Outlook and 2014 Farm Bill Update*” Parker, AZ Feb. 10th, 2015

Farm Bill Training “*Outlook and 2014 Farm Bill Update*” Buckeye, AZ Feb. 4th, 2015

Farm Bill Training “*Outlook and 2014 Farm Bill Update*” Casa Grande, AZ Jan. 28th, 2015

Beginning Farmer Workshop “*Program Overview*” Safford, AZ Jan. 23rd, 2015

Presentation at the SWIAA Annual Conference, “*Farm Bill Update and FSA Programs*” Tucson, AZ, Jan. 20th - 23rd, 2015

AMS Marketing Workshop “*Building a Hoop House and LocalFresh*” Sierra Vista, AZ Jan. 13th, 2015

AMS Program Workshop “*Direct Marketing & Hoop House Production in AZ*” Tuba City, AZ Dec. 28th, 2014

Master Farmer Workshops “*Business Planning Review*” Phoenix, AZ Nov. 17th, 2014

Hopi Livestock Producers Meeting “*Record Keeping Tools for Today’s Livestock Producers*” Keams Canyon, AZ Sept. 18th, 2014

Beginning Farmer Workshop “*Farm Liability Considerations*” Phoenix, AZ April 29th, 2014

Livestock Workshop Series “*Restocking Considerations and Tools*”, San Carlos, AZ April 10th, 2014

Ag Marketing Considerations “*Understanding your Markets*” and “*LocalFresh.info Overview*” (with R. Tronstad & S. Nakamoto), Tuba City, AZ April 4th, 2014

Beginning Farmer Workshop “*Business Plan: Review of Your Plan*” Prescott, AZ April 2th, 2014

Beginning Farmer Workshop “*Program Update*” Phoenix, AZ March 17th, 2014

Beginning Farmer Workshop “*Ag Records*” and “*Business Planning*” Prescott, AZ March 4th, 2014

Beginning Farmer Workshop “*Crop Selection*” Phoenix, AZ March 3rd, 2014

American Indian Studies Seminar “*The AZ FRTEP Program: Working in Indian Country*” Tucson, AZ Feb. 28th, 2014

Beginning Farmer Workshop “*Cost of Hoop houses*” Safford, AZ Feb. 13th, 2014

Beginning Farmer Workshop “*Cost of Hoop houses*” Tucson, AZ Feb. 12th, 2014

Beginning Farmer Workshop “*Crop Selection*” Phoenix, AZ Feb. 3rd, 2014

Hopi Livestock Producers Meeting “*Record Keeping Tools for Today’s Livestock Producers*” Keams Canyon, AZ May 8, 2012

Women in Ag “*Cost of Production Tools*” Benson, AZ Jan. 27th, 2014

Invited Panel Member, USDA Strike Force Arizona Meeting “*University of Arizona Extension*” Scottsdale, AZ June 25th, 2013

Beginning Farmer Workshop “*Program Evaluation*” Phoenix, AZ May.21st, 2013

Invited Presentation, SWIAA Livestock Days “*Farm Bill Update*” Scottsdale, AZ April 25th, 2013

Invited Presentation, SWIAA Livestock Days “*FRTEP and Keepseagle Update*” Scottsdale, AZ April 24th, 2013

Invited Presentation, Yuma Economic Development Annual Meeting “*The Economic Impact of Agriculture in Yuma County*” (with G. Frisvold and K. Nolte), Yuma, AZ April 23rd, 2013

Beginning Farmer Workshop “*Funding Opportunities for Specialty Crop Producers*” Tucson, AZ March 28th, 2013

Tribal Tax Workshop “*Keepseagle Tax Implications*” Window Rock, AZ March 13th, 2013

Tribal Tax Workshop “*Keepseagle Tax Implications*” Indian Wells, AZ March 6th, 2013

Tribal Tax Workshop “*Keepseagle Tax Implications*” Tuba City, AZ March 5th, 2013

- Tribal Tax Workshop “*Keepseagle Tax Implications*” Camp Verde, AZ March 4th, 2013
- Beginning Farmer Workshop “*Developing a Sound Business Plan*” Tucson, AZ Feb. 28th, 2013
- Beginning Farmer Workshop “*Record Keeping Tools for Today’s Specialty Crop Producers*”
Phoenix, AZ Feb. 25th, 2013
- Beginning Farmer Workshop “*Record Keeping Tools for Today’s Specialty Crop Producers*”
Tucson, AZ Jan. 31st, 2013
- Maricopa Beginning Farmer Workshop “*Developing a Sound Business Plan*” Phoenix, AZ Jan.
14th, 2013
- Maricopa Beginning Farmer Workshop “*Developing a Sound Business Plan*” Phoenix, AZ May
22nd, 2012
- Invited Presentation at the Desert Horticulture Conference entitled “*Create Your Own Business
Plan*” Tucson AZ, May 20th, 2012
- Hopi Livestock Producers Meeting “*Record Keeping Tools for Today’s Livestock Producers*”
Keams Canyon, AZ May 8th, 2012
- Hualapai Livestock Producers Meeting “*Developing a Sound Ranch Plan*” Peach Springs, AZ
April 17th, 2012
- Livestock and Natural Resource School (with R. Tronstad) “*Outlook for Livestock and Feed
Markets, and Tools to Mitigate Risk*” Willcox, AZ March 2nd, 2012
- Invited Presentation, Diablo Trust Annual Meeting “*Today’s Ag: An Overview for the Diablo
Trust Meeting*” Flagstaff, AZ February 24th, 2012
- Beginning Farmer Workshop (with S. Bealmer) “*Developing a Sound Business Plan*” Yuma, AZ
Dec. 10th, 2011
- CRIT Workshop (with R. Tronstad), “*Alfalfa Marketing & Risk Management Considerations*”
Parker AZ, Sept. 29th, 2011.
- White Mountain Apache Workshop (with U. Schuch), “*Growing Specialty Crops: Selection,
Handling, & Marketing*” White River, AZ, Sept. 1st, 2011.
- Hopi Nation Workshop (with U. Schuch), “*Growing Specialty Crops: Selection, Handling, &
Marketing*” Kykotsmovi, AZ, Aug. 29th, 2011.
- Presentations/Booth at the V-V Explorers Day (with R. Tronstad), “*Agricultural Economics
Extension Education in Arizona and Overview*” Happy Jack, AZ, Aug. 27th, 2011.

Presentations to The Navajo Department of Ag, *“Developing a Sound Business Plan for The Big Boquilla Ranch ”* Phoenix, AZ, Aug. 5th, 2011.

Poster Presentation at the Desert Horticulture Conference titled *“Risk management education related to nursery insurance and the Nursery Cost Estimator”* (with R. Tronstad and U. Schuch) Tucson AZ, May 20th, 2011

Presentations at the Arizona Pistachio Annual Conference (with R. Tronstad), *“Introduction to AGR-Lite and Other Insurance Options”* Willcox, AZ, March 4th, 2011

Hualapai Nation Tribal Livestock Workshops, *“Records for Managers and The Vegetative Index for pasture, Forage Insurance Options”* Peach Springs, AZ, March. 3rd, 2011.

Sponsored ENG 498A Senior Project (with R. Tronstad and J. Dale), *“Remote Cattle Movement Monitoring System (RCMMS)”* Tucson, AZ, Dec. 15th, 2010.

Presentations/Booth at the Farm to Chef Conference (with R. Tronstad), *“Direct Marketing and localfresh.info”* Paradise Valley, AZ, Oct. 4th, 2010.

Presentation Record Keeping to the San Carlos Cattle Association. *“New Livestock Record Keeping System for the 5 Association”*, San Carlos, AZ Sept. 28th, 2010

Presentations/Booth at the V-V Explorers Day (with R. Tronstad), *“Agricultural Extension Education in Arizona and Overview”* Happy Jack, AZ, Aug. 28th, 2010.

Presentations at the Direct Marketing Meetings, *“E-Commerce Options for Agricultural Operations”* Willcox, Prescott, Tuba City, and Casa Grande AZ, Aug 2nd, Aug. 9th, Aug. 10th & Sept. 13th, 2010.

Presentations at the Arizona Cattle Growers Annual Conference (with R. Ax), *“Semen Testing: Dollars and Sense”* Tucson, AZ, July 22nd, 2010.

Presentations International Rescue Committee Workshop (Invited Speaker translated into 5 languages through interrupters), *“Cash Flow and Record Keeping”* Phoenix, AZ, June 10th, 2010.

Coordinated a Tour and Presented at the Western Center for Risk Management and Education Annual Meeting, *“An Overview of Ranching with Current Border Issues and The San Xavier Community Farm Overview.* Tucson, AZ, April 21st, 2010.

Tohono O’odham Nation Tribal Livestock Workshops, *“Introduction to AGR-Lite and Other Insurance Options”* Sells, AZ, March 22nd, 2010.

Southeast Arizona Livestock Workshops, *“Introduction to AGR-Lite and Other Insurance Options”* Sonoita, AZ, March 16th, 2010.

Presentations at the Arizona Pistachio Annual Conference (with R. Tronstad), *“Introduction to AGR-Lite and Other Insurance Options”* Willcox, AZ, Feb. 27th, 2010.

Presentations International Rescue Committee Workshop (Invited presentation translated into 5 languages through interrupters), *“Business Plans”* Phoenix, AZ, Feb. 24th, 2010.

Presentations at the Arizona ICM Working Group Annual Meeting, *“The new Arizona Crop Budgets”* Maricopa Ag Center, AZ, Feb. 5th, 2010.

Sponsored ENG 498A Senior Project (with R. Tronstad and J. Dale), *“Remote Cattle Movement Monitoring System (RCMMS)”* Tucson, AZ, Dec. 15th, 2009.

Presentations International Rescue Committee Workshop (Invited presentation translated into 5 languages through interrupters), *“Introduction to Basic Agricultural Record Keeping”* Phoenix, AZ, Dec. 15th, 2009.

Training Provided to the Water Resource Center, *“Using the Audience Response System to Enhance Your Educational Efforts”* Tucson, AZ, Oct. 26th, 2009.

Booth at the Farmer Chef Connection Conference (with R. Tronstad), *“Using Farm Directory for Your Business”* Phoenix, AZ, Sept. 22nd, 2009.

Presentations to the White Mountain Apache Farm Board, *“Economic Considerations to Organic Wheat Production”* Whiteriver, AZ, Aug. 25th, 2009.

Presentations/Booth at the V-V Explorers Day (with R. Tronstad), *“Agricultural Extension Education in Arizona and Overview”* Tucson, AZ, Aug. 23rd, 2009.

Presentations to the CALS Executive Council (with J. Mortensen and G. Thompson), *“The Economic Impact of the Arizona Ag Economy and the Changing Structure of Arizona Ag”* Tucson, AZ, Aug. 17th, 2009.

Presentations at the Arizona AG Agents Association Meeting, *“The Economy, Stress and Burnout! What Can We Do?”* Flagstaff, AZ, July 28th, 2009.

Presentations at the Direct Marketing Meetings, *“Direct Farm Marketing and Organic Certification”* Willcox, Cottonwood and Tuba City, AZ, July 27th, Aug. 3rd & Aug. 4th, 2009.

Coordinated a Tour and Presented at the Centers for Risk Management and Education Annual Administrative Meeting, *“Conducting Risk Management Education to Arizona Tribal Audiences”* during an all-day tour on the Navajo and Hopi Nations. Flagstaff, AZ, July 9th, 2009.

Presentations at the Cactus and Pine GCSA Conference (Invited presentation), *“Considerations for Leasing versus Buying Turf Equipment”* Mesa, AZ, July 8th, 2009.

Presentations at the 18th Annual Desert Horticulture Conference (Invited presentation),
“Developing a Sound Business Plan” Tucson, AZ, May 15th, 2009

Presentations at the Arizona Farmers Market Meeting (with R. Tronstad and J. Dale), *“Using Farm Directory for Your Business”* Phoenix, AZ, March 3rd, 2009.

Presentations at the Marana Pre-Season Cotton Meeting, *“Arizona Agricultural Economy”*
Tucson and Maricopa, AZ, Feb. 25th & 26th, 2009.

Presentations at the Arizona Pistachio Annual Conference, *“Introduction to AGR-Lite and Other Insurance Options”* Willcox, AZ, Jan. 30th, 2009.

Presentations at RME Workshop, *“Livestock Recordkeeping and Schedule F Overview”* and
“Arizona AGR-Lite Program Overview” February and March 2008

+ Tsaille AZ + Chinle AZ + Shiprock NM
+ Ramah NM + Kayenta AZ + St. Michaels AZ

Southeastern Ranchers Livestock Records Workshop (with R. Tronstad)

+ Sonoita AZ, March 2008

Arizona Direct Farm Marketing Workshop (with R. Tronstad)

+ Phoenix AZ, March 2008

Presentation at the Western Experiment Station and Extension Directors Annual Meeting,
“Defining New Rural Clientele for Extension in the West”, (with T. Rahman) Tucson AZ, March 2008

RMA Workshop RME Presentations *“Economics of Restocking Rangeland: Options & Costs.”*
(with R. Tronstad)

+ San Carlos AZ, March 2008

San Carlos Livestock Association Records Program (with S. Tuttle)

+ San Carlos AZ, April 2008

Poster Presentation at the Desert Horticulture Conference titled *“Risk management education related to nursery insurance and the Nursery Cost Estimator”* (with R. Tronstad and Schuch)
Tucson AZ, May 2008

Poster Presentation at the Farm to Chef Conference titled *“Farm Directory a New tool to Connect Farmers to Chefs and Other Customers”* (with R. Tronstad) Tempe AZ, July 2008

Invited Presentation at the Southwest Horticulture Annual Day of Education Conference,
“Nursery Cost Estimator-Cost of Production Sheet” Mesa AZ, August 2008

Bio-Energy in Arizona, Exploring the Arizona Bio-Energy Institute Workshop

+ Tucson AZ, August 2008

Presentations at RME Workshop, “*Livestock Recordkeeping Overview*” and “*Arizona AGR-Lite Program Overview*”

+ Tuba City AZ, August 2008 + San Carlos AZ, February 2008

Follow-up workshop on the SHADE Conference, “*Hands-on Computer Training with the Nursery Cost Estimator-Cost of Production Sheet*” Mesa AZ, September 2008

Poster Presentation at the Southwest Landscape and Nursery Expo titled “*Risk management education related to nursery insurance, cost of production and how to improve communication in the workplace*” (with R. Tronstad and U. Schuch) Glendale, AZ, November 2008

Presentation to the Rock Point Farm Board “*Direct Farm Marketing and Recordkeeping Tools and Trainings for Farmers and Ranchers*” Rock Point AZ, November 2008.

San Carlos Livestock Association “*Budget Planning for the EQIP Program*”

+ San Carlos AZ, November 2008

Poster Presentation to the National Extension Risk Management Conference titled “*Risk management education related to nursery insurance, cost of production and how to improve communication in the workplace*” Phoenix AZ, 2007.

Presentation to the National Extension Risk Management Conference, “*New Study Defining Rural Clientele for Extension in the West*”, Phoenix AZ, 2007.

Presentation to the National Extension Risk Management Conference, “*The Farm Directory: Connection Producers with Consumers*” Phoenix AZ, 2007.

Presentation to the National Extension Risk Management Conference, “*Tribal RME Across the Southwest*” (with G. Moore) Phoenix AZ, 2007.

Livestock Computer Risk Management Workshop, “*Livestock Records, AGR-Lite, and Estate Planning Considerations.*”

+ Winkelman AZ, 2007 + Benson AZ, 2007

Presentations at Southwest Marketing Network Conference, “*Basic Recordkeeping for Agricultural Operations*” Flagstaff AZ, 2007.

Presentations at Southwest Marketing Network Conference, “*AGR-Lite for Small-Scale Crop and Livestock Operations.*” Flagstaff AZ, 2007.

Livestock Computer RME Workshop, “*Arizona AGR-Lite Program Overview.*”

+ Hondah AZ, 2007 + St. Michaels AZ, 2007

Computer workshop for Hopi Tribal Ranches, “*Diagnostic-Tree Analyses of Cow-Calf Production Costs,*” Phoenix AZ, 2007.

VII. GRANTS AND CONTRACTS

Table 2 provides a summary of grants awards since 2004.

Table 2.

	2004-13	2013-2014	2014-2015	2015-2016	2016-2017	2017-18	2018-19	Total
Federal Funds	\$3,486,582	\$578,209	\$764,348	\$1,000,385	\$1,357,040	\$1,268,178	\$909,514	\$9,364,256
State Funds	\$5,000	\$0	\$0	\$0	\$0	\$0	\$0	\$5,000
Private Funds	\$28,625	\$8,286	\$0	\$0	\$0	\$70,000	\$220,000	\$326,911
Yearly totals	\$352,020.70	\$586,495	\$764,348	\$1,000,385	\$1,357,040	\$1,338,178	\$1,129,514	Grand Total \$9,696,167

The following list provides details about the grants listed above.

Federal

- Title: Risk Management Education for Arizona Crop and Livestock Producers
Role: Co-PI with Russell Tronstad
Total Project Amount: \$24,500 (1998, \$8,500; 1999, \$3,500; 2000, \$4,500; 2001, \$8,000)
Source: USDA/Risk Management Agency, cooperative agreements
Year: 1998-01
- Title: Evaluation of an Optical Chlorophyll Detecting Spray System for Spot Spraying Weeds in Arizona Tree Crops
Role: Co-PI with Bill McCloskey.
Total Project Amount: \$9,000
Source: Western Region IPM
Year: 2000-01
- Title: Firm-Level Risk Imposed by a Labor Availability and Migration
Role: Co-PI with Howard Rosenberg (UC Berkeley), Kent Fleming (Univ. of Hawaii)
Total Project Amount: \$10,050
Source: USDA/Risk Management Agency, cooperative agreements
Year: 2001-2002

Federal (continued)

Title: Human Resource and Unusual Enterprise Education for the West
Role: PI (*Project Director*, project with other members of the Western Farm Management Extension Committee)
Total Project Amount: \$70,975
Source: USDA/Risk Management Agency, awarded in proposal to USDA for the Western Center for Management Education
Year: 2001-02

Title: Localized Risk Management Decision Analysis using Computers
Role: Co-PI with Russell Tronstad
Total Project Amount: \$94,000
Source: USDA/Risk Management Agency
Year: 2001-03

Title: Reducing Tree Crop Herbicide Use with GPS-GIS Weed Recognition & Mapping Technology
Role: Co-PI with William McCloskey, Glenn Wright, Mike Kilby, Rob Call and Rick Gibson
Total Project Amount: \$138,826
Source: Western SARE
Year: 2002-05

Title: Conservation Tillage Benefits in a Cotton Centered Crop Rotation System
Role: Co-PI with Bill McCloskey et al
Total Project Amount: \$175,227
Source: Western SARE
Year: 2003-05

Title: Arizona Risk Management Education for RMA Priority Commodities
Role: Co-PI with Russell Tronstad
Total Project Amount: \$79,800
Source: USDA/Risk Management Agency
Year: 2003-04

Federal (continued)

Title: Southwestern Computer Risk Management Training for RMA Priority Commodities

Role: Co-PI with Russell Tronstad and Ursula Schuch
Total Project Amount: \$146,540
Source: USDA/Risk Management Agency
Year: 2004-05

Title: Arizona TAA Education for Alaska Salmon Fishermen
Role: Co-PI with Russell Tronstad
Total Project Amount: \$10,216
Source: Western Center for Management Education
Year: 2004-05

Title: Trade Adjustment Assistance Education for Arizona Shrimp Farmers
Role: Co-PI with Russell Tronstad and Kevin Fitzsimmons
Total Project Amount: \$9,660
Source: Western Center for Management Education
Year: 2004-05

Title: Reducing Human Resources and Marketing Risks of Labor Intensive Agriculture Operations
Role: Co-PI with Russell Tronstad and Ursula Schuch
Total Project Amount: \$35,443
Source: Western Center for Management Education
Year: 2004-05

Title: Southwest Indian Country Risk Management Education on Agri-Tourism and Specialty Agri-Product Market Opportunities
Role: Co-PI with Joe Hiller and Russell Tronstad
Total Project Amount: \$100,000
Source: USDA/Risk Management Agency
Year: 2004-05

Title: Agri-Tourism and Specialty Agri-Product Market Opportunity Enhancements for Southwest Indian Country
Role: Co-PI with Russell Tronstad and Tauhidur Rahman
Total Project Amount: \$120,000
Source: USDA/Risk Management Agency
Year: 2005-06

Federal (continued)

Title: Southwest RME for Livestock, Forage and Specialty Crop Producers

Role: Co-PI with Russell Tronstad and Ursula Schuch
Total Project Amount: \$150,000
Source: USDA/Risk Management Agency
Year: 2005-06

Title: Defining New Rural Clientele for Extension in the West
Role: Co-PI with Tauhidur Rahman, Jeff Tranel, John Hewlett
and Randolph Weigel
Total Project Amount: \$60,000
Source: Western Center for Management Education
Year: 2005-06

Title: Record Keeping Training for Native American Livestock
Producers
Role: with Hiller J., Moore G., and Tronstad R.
Total Project Amount: \$34,000
Source: Western Center for Management Education
Year: 2005-06

Title: Managing Production Costs and Market Risks for
Southwest Vegetable and Nursery Producers
Role: with Tronstad R. and Schuch U.
Total Project Amount: \$36,000
Source: Western Center for Management Education
Year: 2005-06

Title: Enhancing Quality of Life in the Rural Southwest: Roles of
AGR-Lite, Agri-Tourism, and Specialty Agri-Products
Role: Co-PI with Russell Tronstad and Tauhidur Rahman
Total Project Amount: \$100,000
Source: USDA/Risk Management Agency
Year: 2006-07

Title: Livestock, Nursery, and Specialty Crop RME for the
Southwest and Hawaii
Role: Co-PI with Russell Tronstad and Ursula Schuch
Total Project Amount: \$150,000
Source: USDA/Risk Management Agency
Year: 2006-07

Federal (continued)

Title: Risk Management Education in Southwest Indian Country
on Recordkeeping, AGR-Lite, Alternative Energy, and

Agri-tourism
Role: Co-PI with R. Tronstad, and T. Rahman
Total Project Amount: \$150,000
Source: USDA/Risk Management Agency
Year: 2006-07

Title: Record Keeping Training and Program Assessment for
Native American Livestock Producers
Role: Collaborator with PI's Moore G., and Benally J.
Total Project Amount: \$28,732
Source: Western Center for Management Education
Year: 2007-08

Title: Southwest Indian Country Rural Enhancement through
Improved Recordkeeping, Agri-Tourism, AGR-Lite and
Other Programs
Role: Co-PI with R. Tronstad, and T. Rahman
Total Project Amount: \$125,000
Source: USDA/Risk Management Agency
Year: 2007-08

Title: Livestock, Nursery, and Specialty Crop RME for the
Southwest and Hawaii
Role: Co-PI with R. Tronstad, and U. Schuch
Total Project Amount: \$100,000
Source: USDA/Risk Management Agency
Year: 2007-08

Title: Developing Econometric Frameworks for Evaluating the
Role of Extension Education in Ag Risk Management
Role: Co-PI with T. Rahman
Total Project Amount: \$19,025
Source: Western Center for Risk Management Education
Year: 2007-08

Title: Record Keeping Training & Program Assessment for Native
American Livestock Producers
Role: Co-PI with G. Moore, J. Benally, and R. Tronstad,
Total Project Amount: \$28,732
Source: Western Center for Risk Management Education
Year: 2007-08

Federal (continued)

Title: Educating Southwest Indian Country Agriculture on
Recordkeeping, AGR-Lite, Alternative Energy, and Agri-

tourism
Role: Co-PI with J. Brown, M. Crimmins, E. Taylor, and W. Wintermantel
Total Project Amount: \$75,000
Source: USDA/Risk Management Agency
Year: 2008-09

Title: Informed Stakeholder Management of Virus-Vector Reservoirs in Southwestern USs Irrigated Vegetables: GIS Mapping And Ecological-Climatic Projections
Role: Co-PI with J. Brown, M. Crimmins, E. Taylor, and W. Wintermantel
Total Project Amount: \$100,000
Source: USDA/CSREES National IPM
Year: 2008-09

Title: Record Keeping Tools and Hands-on Training to Enhance Profitability and Federal Program Participation of Southwest Native American Producers
Role: Co-PI with R. Tronstad, and J. Dale
Total Project Amount: \$300,000
Source: USDA/NIFA
Year: 2009-12

Title: LRP and AGR-Lite Education for Arizona Livestock and Forage Producers
Role: Co-PI with R. Tronstad
Total Project Amount: \$20,000
Source: USDA/Risk Management Agency
Year: 2009-10

Title: RMA Small Session for Nursery Growers at the Arizona Annual Desert Horticultural Conference and Webinar
Role: Co-PI with U. Schuch
Total Project Amount: \$20,000
Source: USDA/Risk Management Agency
Year: 2009-10

Federal (continued)

Title: RMA Education Workshop and Webinar Training for the California Ornamental Research Federation

Role: Co-PI with U. Schuch
Total Project Amount: \$20,000
Source: USDA/Risk Management Agency
Year: 2009-10

Title: Arizona Pistachio Association Risk Management Education
Role: Co-PI with R. Tronstad
Total Project Amount: \$20,000
Source: USDA/Risk Management Agency
Year: 2009-10

Title: LRP and AGR-Lite Education for Nevada Livestock and Forage Producers
Role: Co-PI with R. Tronstad
Total Project Amount: \$10,000
Source: USDA/Risk Management Agency
Year: 2009-10

Title: Evaluation and Recommendations on the Cultural Appropriateness of the Western Center of Risk Management Education Grant Program
Role: Co-PI with J. Hiller, S. Tuttle, and L. Masters
Total Project Amount: \$50,000
Source: Western Center for Management Education
Year: 2009-10

Title: RMA Education Workshop and Webinar Training for the New Mexico Nursery Growers
Role: Co-PI with U. Schuch
Total Project Amount: \$10,000
Source: USDA/Risk Management Agency
Year: 2010-11

Title: RMA Small Session for Nursery Growers at the Arizona Annual Desert Horticultural Conference
Role: Co-PI with U. Schuch
Total Project Amount: \$10,000
Source: USDA/Risk Management Agency
Year: 2010-11

Federal (continued)

Title: RMA Education Workshop and Webinar Training for the California Nursery Producers

Role: Co-PI with U. Schuch
Total Project Amount: \$10,000
Source: USDA/Risk Management Agency
Year: 2010-11

Title: Arizona Pistachio Association Risk Management Education
Role: Co-PI with R. Tronstad
Total Project Amount: \$10,000
Source: USDA/Risk Management Agency
Year: 2010-11

Title: Precision Canopy and Water Management of Specialty
Crops Through Sensor-Based Decision Making
Role: Co-PI with P. Sanchez, G. Wang, E. Martin, J. Walworth,
and M. Kacira
Total Project Amount: \$473,323
Source: USDA NIFA- Specialty Crop Research Initiative
Year: 2010-13

Title: Risk Management Education on AGR-Lite, Vegetative
Index and Worker Safety Solutions for AZ and California
Specialty Crop and Limited Resource Producers
Role: Co-PI with R. Tronstad and U. Schuch
Total Project Amount: \$100,000
Source: USDA/Risk Management Agency
Year: 2011-12

Title: Hopi Ranching Improvement Program through Livestock
& Financial Management Records, BQA, and Herd Health
Role: PI
Total Project Amount: \$13,142
Source: Western Center for Management Education
Year: 2010-11

Title: Enhancing Beginning Farmers Specialty Crop Mgt. Skills &
Opportunities in the Southwest
Role: Co-PI with R. Tronstad and U. Schuch
Total Project Amount: \$675,750
Source: USDA NIFA- Specialty Crop Research Initiative
Year: 2011-14

Federal (continued)

Title: Hopi Reservation Low-Stress Livestock Management and

Rancher Safety
Role: Co-PI with M. Livingston
Total Project Amount: \$11,456
Source: Western Center for Management Education
Year: 2012-13

Title: Native Rancher Short Course
Role: Co-PI with J. Benally
Total Project Amount: \$35,784
Source: Western Center for Management Education
Year: 2012-13

Title: Navajo Traditional Foods Preparation Methods for Value
Added Products
Role: Co-PI with J. Benally
Total Project Amount: \$35,910
Source: Western Center for Management Education
Year: 2012-13

Title: AZ Indian Country Extension Programs C.R.I.T
Role: Co-PI with L. Banning
Total Project Amount: \$260,002
Source: USDA/ NIFA-FRTEP
Year: 2013-17

Title: AZ Indian Country Extension Programs Hopi
Role: Co-PI with M. Livingston
Total Project Amount: \$260,000
Source: USDA/ NIFA-FRTEP
Year: 2013-17

Title: AZ Indian Country Extension Programs Hualapai Nation
Role: Co-PI with E. Alden
Total Project Amount: \$272,001
Source: USDA/ NIFA-FRTEP
Year: 2013-17

Title: AZ Indian Country Extension Programs Navajo Nation, SR
Role: Co-PI with J. Benally
Total Project Amount: \$299,998
Source: USDA/ NIFA-FRTEP
Year: 2013-17

Federal (continued)

Title: AZ Indian Country Extension Programs Navajo Nation, TC
Role: Co-PI with G. Farrell

Total Project Amount: \$264,001
Source: USDA/ NIFA-FRTEP
Year: 2013-17

Title: AZ Indian Country Extension Programs Navajo Nation, WR
Role: Co-PI with G. Moore

Total Project Amount: \$356,000
Source: USDA/ NIFA-FRTEP
Year: 2013-17

Title: AZ Indian Country Extension Programs San Carlos Nation,
Role: Co-PI with S. Tuttle

Total Project Amount: \$303,999
Source: USDA/ NIFA-FRTEP
Year: 2013-17

Title: Expanding Native American and Other Specialty Crop
Producers Markets and Market Coordination through
LocalFresh.info
Role: Co-PI with R. Tronstad

Total Project Amount: \$55,000
Source: USDA/ AMS
Year: 2013-14

Title: Building Capacity for American Indian Agricultural
Businesses
Role: Co-PI with R. Ward, S. Emm and K Curtis

Total Project Amount: \$78,000
Source: USDA/Western SARE
Year: 2014-16

Title: Risk Management Education for Livestock Producers in the
Southwest on Vegetative Index, AGR-Lite and
Recordkeeping
Role: Co-PI with R. Tronstad

Total Project Amount: \$81,487
Source: USDA/Risk Management Agency
Year: 2014-15

Federal (continued)

Title: 2014 Farm Bill Producer Education Training
Role: Co-PI with R. Tronstad

Total Project Amount: \$20,811
Source: USDA/Farm Service Agency
Year: 2014-15
Title: Growing the Management Skills of Native American and Limited-Resource Beginning Farmers in the Southwest
Role: Co-PI with R. Tronstad and U. Schuch

Total Project Amount: \$750,000
Source: USDA NIFA- Specialty Crop Research Initiative
Year: 2014-17
Title: Risk Management Education for Southwest Livestock, Forage & Specialty Crops Producers on Record Keeping and Available Insurance Programs
Role: Co-PI with R. Tronstad

Total Project Amount: \$89,132
Source: USDA/Risk Management Agency
Year: 2015-16
Title: Native Waters on Arid Lands
Role: Co-PI with McCarthy, M., Singletary, L., Colby, B., R. Ward, K. Curtis, S. Emm, et al

Total Project Amount: \$4.5 Million Total \$465,912 U of A
Source: USDA/AFRI
Year: 2015-20
Title: Integrated Records Keeping & Safety Net Programs for Special Emphasis Audiences
Role: Teegerstrom

Total Project Amount: \$6,669
Source: Washington State University/WCRME
Year: 2015-16
Title: AMS Local Food Resource Mapping
Role: Teegerstrom

Total Project Amount: \$25,385
Source: NIFA/AMS/Penn State
Year: 2015-16

Federal (continued)

Title: Does Adaptive Management Enhance Ecosystem Services and Provide Socio-Economic Benefit on Southwest

Rangeland
Role: Lopez-Hoffman, L., Ruyle, G., Miller, M., Kerna, A. Lien,
A., Merideth, R., Neeley, J., Noelle, S. and Teegerstrom
Total Project Amount: \$439,000
Source: NIFA
Year: 2016-18

Title: Risk Management Education for Arizona Livestock
Producers on Record Keeping, Rainfall Index and Whole
Farm Insurance Programs
Role: Co-PI with R. Tronstad
Total Project Amount: \$80,225
Source: USDA/Risk Management Agency
Year: 2016-17

Title: Star School Technical Assistance & Training Program
Role: Co-PI with J. Lou & R. Tronstad
Total Project Amount: \$14,000
Source: USDA Rural Development
Year: 2016-17

Title: AZ Indian Country Extension Programs C.R.I.T
Role: Co-PI with A. Alamban
Total Project Amount: \$328,000
Source: USDA/ NIFA-FRTEP
Year: 2017-20

Title: AZ Indian Country Extension Programs Hopi
Role: Co-PI with M. Livingston
Total Project Amount: \$324,000
Source: USDA/ NIFA-FRTEP
Year: 2017-20

Title: AZ Indian Country Extension Programs Hualapai Nation
Role: Co-PI with E. Alden
Total Project Amount: \$320,000
Source: USDA/ NIFA-FRTEP
Year: 2017-20

Title: AZ Indian Country Extension Programs Navajo Nation, SR
Role: Co-PI with J. Benally
Total Project Amount: \$320,000
Source: USDA/ NIFA-FRTEP
Year: 2017-20

Federal (continued)

Title: AZ Indian Country Extension Programs Navajo Nation, TC
Role: Co-PI with G. Farrell
Total Project Amount: \$316,000
Source: USDA/ NIFA-FRTEP
Year: 2017-20

Title: AZ Indian Country Extension Programs Navajo Nation, WR
Role: Co-PI with G. Moore
Total Project Amount: \$348,000
Source: USDA/ NIFA-FRTEP
Year: 2017-20

Title: AZ Indian Country Extension Programs San Carlos Nation,
Role: Co-PI with J. Arias
Total Project Amount: \$316,000
Source: USDA/ NIFA-FRTEP
Year: 2017-20

Title: The Sustainable Bioeconomy for Arid Regions,
Role: Co-PI with S. Ogden,
Total Project Amount: \$14.9 Million (3% Teegerstrom)
Source: USDA/ ARS
Year: 2017-21

Title: Risk Management Education for Native American Farmers
& Ranchers
Role: Co-PI with R. Ward, and V. Hebb
Total Project Amount: \$50,000 (\$5,000 Teegerstrom)
Source: Washington State University/WCRME
Year: 2019-20

Title: Enhancing Enterprise Diversification Assessment for Native
American Farmers to Enhance Economic Sustainability
Role: Co-PI with R. Ward, and V. Hebb
Total Project Amount: \$78,000 (\$20,000 Teegerstrom)
Source: USDA/Western SARE
Year: 2019-2021

Title: American Indian Small to Medium-size Farms Profitability
and Risk related to Reservation Land Access
Role: Co-PI with R. Ward, K. Curtis, S. Emm, V. Hebb
Total Project Amount: \$500,000 Total
Source: USDA/AFRI
Year: 2019-22

State

Title: Continuation of the Ranch Management School
Role: Co-PI with Bob Kattnig, Jim Sprinkle, Russell Tronstad,
Jack Elliot, and Larry Howery
Total Project Amount: \$5,000
Source: Cooperative Extension Enhancement Grant
Year: 1998-99

Title: Human Resource and Unusual Enterprise Education for the
West
Role: Co-PI with Daniel Osgood and Russell Tronstad
Total Project Amount: \$5,000
Source: Cooperative Extension Enhancement Grant
Year: 1998-99

Title: Water Conservation and Capillary Mat Technology
Role: Co-PI with Ursula Schuch and Jack Kelly
Total Project Amount: \$5,000 2004, \$5,000 2005
Source: Cooperative Extension Enhancement Grant
Year: 2004-05

Private

Title: Management of Lepidopterous Larvae Under Experimental,
Biorational and Conventional Control Programs in Lettuce
Role: Co-PI with John Palumbo et al.
Total Project Amount: \$24,369
Source: National Agricultural Pesticide Impact Assessment Program
(NAPIAP)
Year: 1999-01

Title: Practical Personnel Management in Western Agriculture: A
Guide for Farm Employers and Managers
Role: Co-PI members of the Western Farm Mgt. Extension
Committee
Total Project Amount: \$15,000
Source: Farm Foundation
Year: 2000-01

Title: Economic Impact of Arizona Horse Industry
Role: Co-PI with Beattie, Monk and Mortenson
Total Project Amount: \$93,122

Source: Arizona State Horseman's Association
Year: 2000-01

Title: Ultra Narrow Row Cotton Production in Arizona
Role: Co-PI with McCloskey, Husman, Clay, Moser, Guarena,
and Silvertooth

Total Project Amount: \$12,000
Source: National Cotton Council
Year: 2000-02

Title: New Technologies in Outreach and Coordination
Role: Co-PI with Daniel Osgood and (Western Farm Mgt.
Extension Committee)

Total Project Amount: \$2,500
Source: Farm Foundation
Year: 2001-02

Title: Economic & Agronomic Evaluation of Conservation Tillage
Systems for AZ Cotton

Role: Co-PI with Bill McCloskey, Steve Husman, and Pat Clay

Total Project Amount: \$12,000
Source: AZ Cotton Council
Year: 2001-02

Private Continued

Title: Small Socially Disadvantage Producer Program

Role: PI Trent Teegerstrom

Total Project Amount: \$6,536
Source: San Xavier Cooperative Association
Year: 2014-15

Title: Arizona FRTEP Operation Funds

Role: CO-PI with G. Farrell, N. Notah, E. Alden, S.Sekaquaptewa,
K. Kinlicheenie, A. Carlisle, A. Alamban, J. Arias

Total Project Amount: \$70,000
Source: Indian Land Tenure Foundation
Year: 2018-19

Title: Arizona FRTEP Operation Funds

Role: CO-PI with G. Farrell, N. Notah, E. Alden, S.Sekaquaptewa,
K. Kinlicheenie, A. Carlisle, A. Alamban, J. Arias

Total Project Amount: \$220,000
Source: Indian Land Tenure Foundation
Year: 2019-20